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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

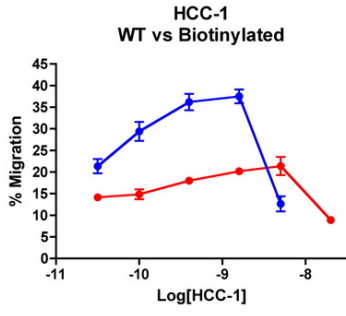
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Product Number	OPCB00022																					
Product Page	www.avivasysbio.com/biotinylated-ccl14-protein-opcb00022.html																					
Name	Biotinylated CCL14 Protein (OPCB00022)																					
Conjugation	Biotin																					
NCBI Gene Id	6358																					
Purity	> 97% as determined by SDS-PAGE																					
Source	E. coli																					
Gene Full Name	chemokine (C-C motif) ligand 14																					
Alias Symbols	CC-1, CC-3, CKB1, MCIF, NCC2, SY14, HCC-1, HCC-3, NCC-2, SCYL2, SCYA14, HCC-1(1-74), HCC-1/HCC-3																					
Product Format	Lyophilized																					
Reference	<p>1. "HCC-1, a novel chemokine from human plasma" Schulz-Knappe P., Mägert H., Dewald B., etc J Exp Med 183:295-299 (1996)</p> <p>2. "Urokinase Plasminogen Activator and Plasmin Efficiently Convert Hemofiltrate CC Chemokine 1 into Its Active [974] Processed Variant" Vakili J., Standker L., Detheux M., Vassart, G., Forssmann W., Parmentier M J Immunol 167:3406-3413 (2001)</p>																					
Description of Target	Hemofiltrate CC chemokine-1(HCC-1)(CCL14) is constitutively expressed by numerous tissues. Upon processing of the N terminal residues of the full length HCC-1 by the uPA-plasmin system, the active form of HCC-1 is a strong agonist for CCR1, CCR5 and to a lesser extent CCR3, and causes chemotaxis of different types of leukocytes. The active form of HCC-1 is also shown as a potent inhibitor of HIV entry.																					
Reconstitution and Storage	Recommended at 100ug/mL in sterile water Shipping: Room Temp																					
Datasheets/Manuals	Printable datasheet for Biotinylated CCL14 Protein (OPCB00022)																					
Additional Information	Endotoxin Level: <0.01 EU per 1ug of the protein by the LAL method																					
Biological Activity	EC50 = 0.2-0.4 nM determined by migration assay with cells expressing recombinant CCR1																					
Uniprot ID	Q16627																					
Gene Symbol	CCL14																					
Application	CA																					
Image 1	<p>Migration Assay</p>  <p>Migration Assay: Cells expressing recombinant CCR1 were assayed for migration through a transwell filter at various concentrations of WT or Biotinylated HCC-1. Responses are expressed as the % of total input cells (Blue: wild type; Red: biotinylated).</p> <table border="1"> <caption>Approximate data from Migration Assay graph</caption> <thead> <tr> <th>Log[HCC-1]</th> <th>% Migration (WT)</th> <th>% Migration (Biotinylated)</th> </tr> </thead> <tbody> <tr> <td>-10.5</td> <td>22</td> <td>15</td> </tr> <tr> <td>-10.0</td> <td>30</td> <td>15</td> </tr> <tr> <td>-9.5</td> <td>38</td> <td>18</td> </tr> <tr> <td>-9.0</td> <td>38</td> <td>20</td> </tr> <tr> <td>-8.5</td> <td>12</td> <td>22</td> </tr> <tr> <td>-8.0</td> <td>8</td> <td>10</td> </tr> </tbody> </table>	Log[HCC-1]	% Migration (WT)	% Migration (Biotinylated)	-10.5	22	15	-10.0	30	15	-9.5	38	18	-9.0	38	20	-8.5	12	22	-8.0	8	10
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-8.0	8	10																				

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