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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CD44 (Human) Recombinant Protein (P02)

Catalog Number: H00000960-P02

Regulation Status: For research use only (RUO)

Product Description: Human CD44 full-length ORF (NP_001001391.1, 1 a.a. - 361 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDKFWWHAAWGLCLVPLSLAQIDLNITCRFAGVHFVE
KNGRYSISRTEAADLCKAFNSTLPTMAQMEKALSIGFE
TCRYGFIEGHVVIPRIHPNSICAAANNTGVYILTSNTSQY
DTYCFNASAPPEEDCTSVTDLPNAFDGPITITIVNRDGT
RYVQKGEYRTNPEDIYPSNPTDDDVS SSSERSSTS
GGYIFYTFSTVHPIPEDSPWITDSTDRIPATRDQDTFH
PSGGSHTTHGSESDGSHSGSQEGGANTTSGPIRTPQI
PEWLILASLLALILAVCIAVNSRRRCGQKKKLVINSG
NGAVEDRKP SGLNGEASKSQEMVHLVNKESSETPDQ
FMTADETRNLQNVD MKIGV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 65.8

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 960

Gene Symbol: CD44

Gene Alias: CDW44, CSPG8, ECMR-III, HCELL, IN, LHR, MC56, MDU2, MDU3, MGC10468, MIC4, MUTCH-I, Pgp1

Gene Summary: The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis. [provided by RefSeq]