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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SULF2 (Human) Recombinant Protein (P02)

Catalog Number: H00055959-P02

Regulation Status: For research use only (RUO)

Product Description: Human SULF2 full-length ORF (NP_061325.1, 1 a.a. - 870 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGPPSLVCLLSATVFSLLGGSSAFLSHHRLKGRFQR
DRRNIRPNILVLTDDQDVELGSMQVMNKTRRIMEQGG
AHFINAFVTTMCCPSRSSILTGYVHNHNTYTNNENC
SSPSWQAQHESTRFAVYLNSTGYRTAFFGKYLNEYN
GSYVPPGWKEWVGLLKNSRFYNYTLCRNGVKEKHGS
DYSKDYLTDLITNDSVSFFRTSKKMYPHRPVLMVISHA
APHGPEDSAPQYSRLFPNASQHITPSYNYAPNPDKHW
IMRYTGPMKPIHMEFTNMLQRKRLQTLMSVDDSMETI
YNMLVETGELDNTYIVYTADHGYHIGQFGLVKGKSMP
YEFDIRVPFYVRGPVNEAGCLNPHIVLNIDLAPTILDIAG
LDIPADMKGKSLKLLDTERPVNRFHLKKKMRVWRDSF
LVERGKLLHKRDNDKVDQEEENFLPKYQVRKDLQRA
EYQTACEQLGQKWQCVEDATGKLKHKCKGPMRLG
GSRALSNLVPKYYGQSEACTCDSDYKLSLAGRRK
KLFKKKYKASYVRSRSIRSAIEVDGRVYHVGLGDAAQ
PRNLTKRHWPGAPEDQDDKDGGDFSGTGGLPDYSA
ANPIKVTHRCYILENDTVQCCLDLYKSLQAWKDHKLHI
DHEIETLQNKIKNLREVRGHLKKRPEECDCHKISYHT
QHKGRCLKHRGSSLHPFRKGLQEKDKVWLLREQKRKK
KLRKLLKRLQNNDTCMPGLTCFTHDNQHWQTAPFW
TLGPFCACTSANNNTYWCMRTINETHNLFCEFATGF
LEYFDLNTDPYQLMNAVNTLDRDVLNQLHVQLMELRS
CKGYKQCNPRTRNMDLGLKDGGSYEQYRQFQRRKW
PEMKRPSSKSLGQLWEGWEG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 126.9

Interspecies Antigen Sequence: Mouse (93); Rat (93)

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: 55959

Gene Symbol: SULF2

Gene Alias: DKFZp313E091, FLJ90554, HSULF-2, KIAA1247, MGC126411

Gene Summary: Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF2, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules (Dai et al., 2005 [PubMed 16192265]).[supplied by OMIM]