



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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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:**

MGPPSLVLCCLLSATVFSLLGGSSAFLSHHRLKGRFQR  
DRRNIRPNILVLTDDQDVELGSMQVMNKTRRIMEQGG  
AHFINAFVTPMCCPSRSSILTGKYVHNHNTYTNNENC  
SSPSWQAQHESTRFAVYLNSTGYRTAFFGKYLNEYN  
GSYVPPGWKEWVGLLKNSRFYNYTLCRNGVKEKHGS  
DYSKDYLTDLITNDSVSFFRTSKKMYPHRPVLMVISHA  
APHGPEDSAPQYSRLFPNASQHITPSYNYAPNPKHW  
IMRYTGPMKPIHMEFTNMLQRKRLQLMSVDDSMETI  
YNMLVETGELDNTYIVYTADHGYHIGQFGLVKGKSMP  
YEFDIRVPFYVRGPNVEAGCLNPHIVLNIDLAPTILDIAG  
LDIPADMKGKSLKLLDTERPVNRFHLKKKMRVWRDSF  
LVERGKLLHKRDNDKVD AQEENFLPKYQRVKDLCQRA  
EYQTACEQLGQKWQCVEDATGKCLKLHKCKGPMRLG  
GSRALSNLVPKYYGQSEACTCDSGDYKLSLAGRRK  
KLFKKKYKASYVRSRSIRSAIEVDGRVYHVGLGDAAQ  
PRNLTKRHWPGAPEDQDDKDGDFSGTGGLPDYSA  
ANPIKVTHRCYILENDTVQCCLDLYKSLQAWKDHKLHI  
DHEIETLQNKIKNLREVRGHLKKKRPEECDCHKISYHT  
QHKGRLKHRGSSLHPFRKGLQEKDVKVWLLREQKRKK  
KLRKLLKRLQNNDTCSMPGLTCFTHDNQHWQTAPFW  
TLGPFCACTSANNNTYWCMRTINETHNFLCFEFATGF  
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 GenID:** 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]