

Recombinant Human SULF2 Protein, His/GST-tagged

Cat. No. SULF2-665H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SULF2(Phe337~Arg649) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe337~Arg649
Description	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]).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	62.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

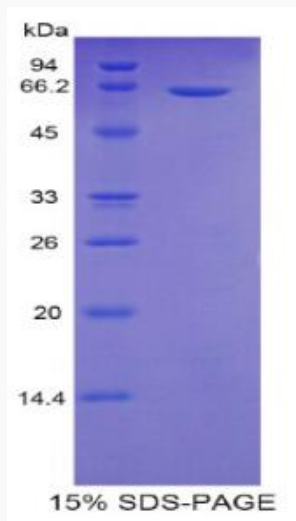
GENE INFORMATION

Gene Name	SULF2 sulfatase 2 [Homo sapiens]
Official Symbol	SULF2
Synonyms	SULF2; sulfatase 2; extracellular sulfatase Sulf-2; HSULF 2; KIAA1247; SULF 2; HSULF-2; FLJ44488; FLJ90554; MGC126411; DKFZp313E091;
Gene ID	55959
mRNA Refseq	NM_001161841
Protein Refseq	NP_001155313
MIM	610013
UniProt ID	Q8IWU5

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