

Recombinant Human SULF1 Protein, GST tagged

Cat. No. SULF1-18H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human SULF1 partial ORF (NP_055985.1, 780 a.a. - 871 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat germ cell free in vitro.
Species	Human
Source	Wheat germ cell free in vitro
ProteinLength	780-871 aa
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 SULF1, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	35.86 kDa
AASequence	RTVNETHNFLFCEFATGFLEYFDMNTDPYQLTNTVHTVERGILNQLHVQLMELRSCQ GYKQCNP RPKNLDVGNKDGGSYDLHRGQLWDGWEG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name SULF1 sulfatase 1 [Homo sapiens (human)]

Official Symbol SULF1

Synonyms SULF1; sulfatase 1; extracellular sulfatase Sulf-1; KIAA1077; SULF 1; sulfatase FP; SULF-1; HSULF-1; FLJ30905; FLJ38022; FLJ41750

Gene ID 23213

mRNA Refseq NM_015170

Protein Refseq NP_055985

MIM 610012

UniProt ID Q86YV8

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