

Sulfatase 1 (SULF1) Recombinant Protein | SULF1 recombinant protein

Recombinant Sulfatase 1 (SULF1)

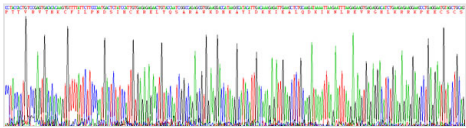
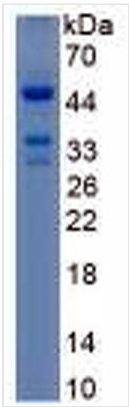
CATALOG # AAA135484	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Sulfatase 1 (SULF1); Recombinant Sulfatase 1 (SULF1); SULF1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 80%
Form/Format	Freeze-dried powder; PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for SULF1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Pro609~Gly871
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Golgi apparatus
Predicted isoelectric point	8.3
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

PT TVRVTHKCFI LPNDSIHCE ELYQSARAWK DHKAYIDKEI
EALQDKIKNL REVRGHLKRR KPEECSCSKQ SYYNKEGKVK KQEKLSHLH
PFKEAAQEVN SKLQLFKENN RRRKKERKEK RRQRKGEECS LPGLTCFTHD
NNHMQTAPFW NLGSFCACT SNNNTYHCLR TVNETHNFLF CEFATGFLEY
FDMNTDPYQL TMTVHTVERG ILNQLHVQLM ELRSCQGYKQ CNPRPKNLDV
GNKDGGSYDL HRGQLWDGWE G

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	189571638
NCBI GeneID	23213
NCBI Accession #	NP_001121676.1
NCBI GenBank Nucleotide #	NM_001128204.1
UniProt Accession #	Q8IWU6; Q86YV8; Q8NCA2; Q9UPS5
Molecular Weight	Predicted Molecular Mass: 44.8kDa Accurate Molecular Mass: 45&35kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	extracellular sulfatase Sulf-1
NCBI Official Synonym Full Names	sulfatase 1
NCBI Official Symbol	SULF1
NCBI Official Synonym Symbols	SULF-1; HSULF-1
NCBI Protein Information	extracellular sulfatase Sulf-1; sulfatase FP
UniProt Protein Name	Extracellular sulfatase Sulf-1
UniProt Gene Name	SULF1
UniProt Synonym Gene Names	KIAA1077; hSulf-1
UniProt Entry Name	SULF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.