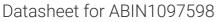
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SUMF1 Protein (AA 34-374) (His tag)



Overview

Quantity:	50 μg
Target:	SUMF1
Protein Characteristics:	AA 34-374
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUMF1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Sulfatase Modifying Factor 1/SUMF1 (C-6His)
Sequence:	SQEAGTGAGA GSLAGSCGCG TPQRPGAHGS SAAAHRYSRE ANAPGPVPGE RQLAHSKMVP
	IPAGVFTMGT DDPQIKQDGE APARRVTIDA FYMDAYEVSN TEFEKFVNST GYLTEAEKFG
	DSFVFEGMLS EQVKTNIQQA VAAAPWWLPV KGANWRHPEG PDSTILHRPD HPVLHVSWND
	AVAYCTWAGK RLPTEAEWEY SCRGGLHNRL FPWGNKLQPK GQHYANIWQG EFPVTNTGED
	GFQGTAPVDA FPPNGYGLYN IVGNAWEWTS DWWTVHHSVE ETLNPKGPPS GKDRVKKGGS
	YMCHRSYCYR YRCAARSQNT PDSSASNLGF RCAADRLPTM DVDHHHHHH
Characteristics:	Recombinant Human Sulfatase Modifying Factor 1/SUMF1 is produced with our mammalian
	expression system in human cells. The target protein is expressed with sequence (Ser34-
	Asp374) of Human SUMF1 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 μm filtered

Product Details Endotoxin Level: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test **Target Details** Target: SUMF1 sumf1 (SUMF1 Products) Alternative Name Fusionprotein Sub Type: Background: Human Sulfatase Modifying Factor 1 (SUMF1) is a 42kDa protein. SUMF1 is a Ca2+-binging member of the sulfatase-modifying factor family. SUMF1 is a soluble ER lumenal glycoprotein, it converts inactive sulfatases into an active form by transforming a catalytic site cysteine into a formylglycine residue. In the ER, SUMF1 can exist as either a monomer, or a disulfide-linked homodimer or a heterodimer with SUMF2. Three splice isoforms are known. Alternative Names: Sulfatase-Modifying Factor 1, C-Alpha-Formylglycine-Generating Enzyme 1, SUMF1, FGE 38.27 kDa Molecular Weight: UniProt: Q8NBK3 **Application Details** For Research Use only Restrictions: Handling Format: Liquid Reconstitution: It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Buffer: Supplied as a 0.2 μ m filtered solution of 20 mM TrisHCl, 150 mM NaCl, 2 mM CaCl2, 10 % Glycerol, pH 7.5. Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. -80 °C Storage: Store at < -20°C, stable for 6 months after receipt. Storage Comment: Please minimize freeze-thaw cycles. **Expiry Date:** 6 months