

Product datasheet for **TP720417**

SUMF1 (NM_182760) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sulfatase modifying factor 1 (SUMF1)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ser34-Asp374
Tag:	C-His
Predicted MW:	38.3 kDa
Concentration:	lot specific
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_877437
Locus ID:	285362
UniProt ID:	Q8NBK3
RefSeq Size:	2179
Cytogenetics:	3p26.1
RefSeq ORF:	1122
Synonyms:	AAPA3037; FGE; UNQ3037
Summary:	This gene encodes an enzyme that catalyzes the hydrolysis of sulfate esters by oxidizing a cysteine residue in the substrate sulfatase to an active site 3-oxoalanine residue, which is also known as C-alpha-formylglycine. Mutations in this gene cause multiple sulfatase deficiency, a lysosomal storage disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]



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Product images: