

## Product datasheet for **TP720417M**

### 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:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM CaCl <sub>2</sub> , 10% Glycerol, pH 7.5.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_877437</a>
Locus ID:	285362
UniProt ID:	<a href="#">Q8NBK3</a>
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:**

