

## Product datasheet for **TP311092L**

### SUMF1 (NM\_182760) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human sulfatase modifying factor 1 (SUMF1), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC211092 protein sequence

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MAAPALGLVCGRCPELGLVLLLLLLLLLLCGAAGSQEAGTGAGAGSLAGSCGCGTPQRPGAHGSSAAAHRY  
SREANAPGPVPERQLAHSKMVPIAGVFTMGTDPPQIKQDGEAPARRVTIDAFYMDAYEVSNTFEKQV  
NSTGYLTAEKFGDSFVFEGMLSEQVKTNIQQAVAAAPWWLPVKGANWRHPEGPDSTILHRPDHPVLHVS  
WNDAYAYCTWAGKRLPTEAEWEYSCRGLHNRLFPGWGNLQPKGQHYANIWQGEFPVTNTGEDGFQGTAP  
VDAFPNGYGLYNIVGNAWEWTSDDWTVHHSVEETLNPKGPPSGKDRVKKGGSYMCHRSYCYRYRCAARS  
QNTPDSSASNLGFRCAADRLPTMD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 37.3 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_877437](#)

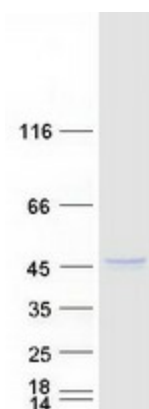
**Locus ID:** 285362



[View online »](#)

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]

### Product images:



Coomassie blue staining of purified SUMF1 protein (Cat# [TP311092]). The protein was produced from HEK293T cells transfected with SUMF1 cDNA clone (Cat# [RC211092]) using MegaTran 2.0 (Cat# [TT210002]).