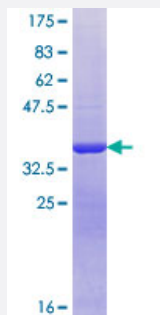


SUMF1 (Human) Recombinant Protein (Q01)

Catalog # H00285362-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SUMF1 partial ORF (NP_877437.2, 89 a.a. - 188 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SKMVPIAGVFTMGTDDPQIKQDGEAPARRVTIDAFYMDAYEVSNTEFEK FVNSTGYL TEAEKFG DSFVFEGMLSEQVKTNIQQAVAAAPWWLPVKGANW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SUMF1

Entrez GeneID [285362](#)

GeneBank Accession# [NM_182760](#)

Protein Accession# [NP_877437.2](#)

Gene Name SUMF1

Gene Alias AAPA3037, FGE, MGC131853, MGC150436

Gene Description sulfatase modifying factor 1

Omim ID [272200 607939](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations C-alpha-formylglycine-generating enzyme|OTTHUMP00000115300

Disease

- [Multiple Sclerosis](#)