



Human SUMF1 blocking peptide (CDBP2868)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SUMF1 antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SUMF1 sulfatase modifying factor 1 [Homo sapiens]
Official Symbol	SUMF1
Synonyms	SUMF1; sulfatase modifying factor 1; sulfatase-modifying factor 1; FGE; UNQ3037; FGly-generating enzyme; C-alpha-formylglycine-generating enzyme 1; AAPA3037; MGC131853; MGC150436;

Entrez Gene ID	285362
mRNA Refseq	NM_001164674
Protein Refseq	NP_001158146
UniProt ID	Q8NBK3
Chromosome Location	3p26.1
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;
Function	binding; metal ion binding; oxidoreductase activity; protein homodimerization activity;