



Human SMURF1 blocking peptide (CDBP2742)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SMURF1 antibody
Antigen Description	This gene encodes a ubiquitin ligase that is specific for receptor-regulated SMAD proteins in the bone morphogenetic protein (BMP) pathway. This protein plays a key roll in the regulation of cell motility, cell signalling, and cell polarity. Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Dec 2010]
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	SMURF1 SMAD specific E3 ubiquitin protein ligase 1 [Homo sapiens]
Official Symbol	SMURF1
Synonyms	SMURF1; SMAD specific E3 ubiquitin protein ligase 1; E3 ubiquitin-protein ligase SMURF1; KIAA1625; hSMURF1; E3 ubiquitin ligase SMURF1; Smad-specific E3 ubiquitin ligase 1; Smad ubiquitination regulatory factor 1; SMAD-specific E3 ubiquitin-protein ligase 1;
Entrez Gene ID	57154

mRNA Refseq	NM_001199847
Protein Refseq	NP_001186776
UniProt ID	Q9HCE7
Chromosome Location	7q21.1-q31.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; BMP receptor signaling, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Endocytosis, organism-specific biosystem;
Function	I-SMAD binding; R-SMAD binding; acid-amino acid ligase activity; activin binding; ligase activity; protein binding; ubiquitin-protein ligase activity;