Recombinant Full Length Human WASF2 Protein, GST-tagged

Cat. No. WASF2-562HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human WASF2 (1 a.a. - 498 a.a.) fussed with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	498 amino acids
Description	This gene encodes a member of the Wiskott-Aldrich syndrome protein family. The gene product is a protein that forms a multiprotein complex that links receptor kinases and actin. Binding to actin occurs through a C-terminal verprolin homology domain in all family members. The multiprotein complex serves to tranduce signals that involve changes in cell shape, motility or function. The published map location (PMID:10381382) has been changed based on recent genomic sequence comparisons, which indicate that the expressed gene is located on chromosome 1, and a pseudogene may be located on chromosome X.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	80.7 kDa
AA Sequence	MPLVTRNIEP RHLCRQTLPS VRSELECVTN ITLANVIRQL GSLSKYAEDI FGELFTQANT FASRVSSLAE RVDRLQVKVT QLDPKEEEVS LQGINTRKAF RSSTIQDQKL FDRNSLPVPV LETYNTCDTP PPLNNLTPYR DDGKEALKFY

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	TDPSYFFDLW KEKMLQDTKD IMKEKRKHRK EKKDNPNRGN VNPRKIKTRK EEWEKMKMGQ EFVESKEKLG TSGYPPTLVY QNGSIGCVEN VDASSYPPPP QSDSASSPSP SFSEDNLPPP PAEFSYPVDN QRGSGLAGPK RSSVVSPSHP PPAPPLGSPP GPKPGFAPPP APPPPPPPMI GIPPPPPPVG FGSPGTPPPP SPPSFPPHPD FAAPPPPPPP PAADYPTLPP PPLSQPTGGA PPPPPPPPPP GPPPPPFTGA DGQPAIPPPL SDTTKPKSSL PAVSDARSDL LSAIRQGFQL RRVEEQREQE KRDVVGNDVA TILSRRIAVE YSDSEDDSSE FDEDDWSD
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	WASF2 WAS protein family, member 2 [Homo sapiens]
Official Symbol	WASF2
Synonyms	IMD2; SCAR2; WASF4; WAVE2; dJ393P12.2; wiskott-Aldrich syndrome protein family member 2; WASP family Verprolin-homologous protein 2; WASP family protein member 2; WASP family protein member 4; protein WAVE-2; putative Wiskott-Aldrich syndrome protein family member 4; suppressor of cyclic-AMP receptor (WASP-family); verprolin homology domain-containing protein 2
Gene ID	10163
mRNA Refseq	NM_006990
Protein Refseq	NP_008921

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MIM	605875
UniProt ID	Q9Y6W5

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