

# Recombinant Full Length Human WASF2 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human WASF2 (1 a.a. - 498 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	498 amino acids
<b>Description</b>	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 transduce 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.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	80.7 kDa
<b>AA Sequence</b>	MPLVTRNIEP RHLCRQTLPS VRSELECVTN ITLANVIRQL GSLSKYAEDI FGELFTQANT FASRVSSLAE RVDRLQVKVT QLDPKKEEVS 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 GPKPGFAPP APPPPPPMI GIPPPPPVVG FGSPGTPPPP  
 SPPSFPPHPD FAAPPPPPPP PAADYPTLPP PPLSQPTGGA PPPPPPPPP  
 GPPPPFTGA DGQPAIPPL SDTTKPKSSL PAVSDARSDL LSAIRQGFQL  
 RRVEEQREQE KRDVVGNDVA TILSRRIAVE YDSEDDSSSE 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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<b>MIM</b>	605875
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<b>UniProt ID</b>	Q9Y6W5
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