Recombinant Human WASF2 protein, GST-tagged

Cat. No. WASF2-1839H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WASF2 (1 a.a. - 498 a.a.) fussed with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-498 a.a.
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	MPLVTRNIEPRHLCRQTLPSVRSELECVTNITLANVIRQLGSLSKYAEDIFGELFTQAN TFASRVSSLAERVDRL QVKVTQLDPKEEEVSLQGINTRKAFRSSTIQDQKLFDRNSL PVPVLETYNTCDTPPPLNNLTPYRDDGKEALKFY TDPSYFFDLWKEKMLQDTKDIM

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	KEKRKHRKEKKDNPNRGNVNPRKIKTRKEEWEKMKMGQEFVESKEKLGTSGYP PT LVYQNGSIGCVENVDASSYPPPPQSDSASSPSPSFSEDNLPPPPAEFSYPVDNQRG SGLAGPKRSSVVSPSHP PPAPPLGSPPGPKPGFAPPPAPPPPPPPMIGIPPPPPPV GFGSPGTPPPPSPPSFPPHPDFAAPPPPPPPPAADY PTLPPPPLSQPTGGAPPPPP PPPPPGPPPPPFTGADGQPAIPPPLSDTTKPKSSLPAVSDARSDLLSAIRQGFQL RR VEEQREQEKRDVVGNDVATILSRRIAVEYSDSEDDSSEFDEDDWSD
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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
Chromosome Location	1p36.11
Pathway	Adherens junction, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Choline metabolism in cancer, conserved biosystem
Function	actin binding; protein binding; protein complex binding

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