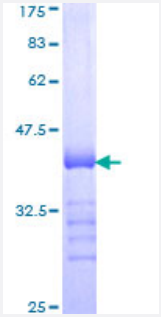
WASF2 (Human) Recombinant Protein (Q01)

Catalog # H00010163-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human WASF2 partial ORF (NP_008921, 73 a.a. - 172 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	DRLQVKVTQLDPKEEEVSLQGINTRKAFRSSTIQDQKLFDRNSLPVPVLETYNTCDTPPPLNNLTP YRDDGKEALKFYTDPSYFFDLWKEKMLQDTKDIM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — WASF2

Entrez GeneID	10163
GeneBank Accession#	NM_006990
Protein Accession#	NP_008921
Gene Name	WASF2
Gene Alias	SCAR2, WAVE2, dJ393P12.2
Gene Description	WAS protein family, member 2
Omim ID	605875
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Wiskott-Aldrich syndrome protein family. The gene product i s 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 co mplex serves to tranduce signals that involve changes in cell shape, motility or function. The publis hed map location (PMID:10381382) has been changed based on recent genomic sequence com parisons, which indicate that the expressed gene is located on chromosome 1, and a pseudogen e may be located on chromosome X. [provided by RefSeq
Other Designations	IMD2|OTTHUMP00000003471|WASP family Verprolin-homologous protein 2|suppressor of cycli c-AMP receptor (WASP-family)

Pathway

- Adherens junction
- Fc gamma R-mediated phagocytosis

- Regulation of actin cytoskeleton