

## Product datasheet for **TP508041**

### Wasl (NM\_028459) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Wiskott-Aldrich syndrome-like (human) (Wasl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208041 representing NM_028459 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSSGQPPRRVTNVGSLLLTPQENESLFSFLGKKCVTMSSAVQLYAADRNCMWAKKCSGVACLVKDNPQ  
RSYFLRIFDIKDGLLWEQELYNFVYNSPRGYFHTFAGDTCQVALNFANEEEAkkFRKAVTDLLGRRQR  
KSEKRRDAPNGPNLPMATVDIKNPEITTNRFYGSQVNNISHTKEKKKGKAKKKRLTKADIGTPSNFQHIG  
HVGWDPNTGFDLNNLDPELKNLFDMCGISEAQLKDRETSKVIYDFIEKTGGVEAVKNELRRQAPPPPPPS  
RGGPPPPPPPHSSGPPPPPARGRGAPPPPSRAPTAAPPPPPSRPGVVPPPPPNRMYP PPPPALPSS  
APSGPPPPPPSMAGSTAPPPPPPPPPGPPPPGLPSDGDHQPAPSGNKAALLDQIREGAQLKKVEQ  
NSRPVSCSGRDALLDQIRQGIQLKSVSDGQESTPPTAPTSGIVGALMEVMQKRSKAIHSSDEDEDDEDDDE  
EDFEDDDEWED

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	54.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_082735</a>



[View online »](#)

Locus ID:	73178
UniProt ID:	<a href="#">Q91YD9</a> , <a href="#">Q3TXX8</a> , <a href="#">Q6PDL3</a>
RefSeq Size:	4348
Cytogenetics:	6 A3.1
RefSeq ORF:	1503
Synonyms:	2900021I12Rik; 3110031I02Rik; N-WASP
Summary:	Regulates actin polymerization by stimulating the actin-nucleating activity of the Arp2/3 complex. Involved in various processes, such as mitosis and cytokinesis, via its role in the regulation of actin polymerization. Together with CDC42, involved in the extension and maintenance of the formation of thin, actin-rich surface projections called filopodia. In addition to its role in the cytoplasm, also plays a role in the nucleus by regulating gene transcription, probably by promoting nuclear actin polymerization (By similarity). Binds to HSF1/HSTF1 and forms a complex on heat shock promoter elements (HSE) that negatively regulates HSP90 expression (PubMed:12871950). Plays a role in dendrite spine morphogenesis (PubMed:25851601).[UniProtKB/Swiss-Prot Function]