

Product Data Sheet

Recombinant Human WDYHV1 Protein

Catalog #	Source	Reactivity	Applications
CRP2537	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human WDYHV1 Protein is produced by E. coli expression system and the target gene encoding Met1-Cys205 is expressed with a GST tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of PBS, 100mM GSH, 1% TritonX-100, 15% glycerol, pH 7.4.		
Gene Symbol	WDYHV1		
Alternative Names	C8orf32; NTAQ1; Protein N-terminal glutamine amidohydrolase; Protein NH2-terminal glutamine deamidase; N-terminal Gln amidase; Nt(Q-amidase; WDYHV motif-containing protein 1		
Entrez Gene	55093 (Human)		
SwissProt	Q96HA8 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MSPILGYWKI KGLVQPTRL LLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSMEGN GPAAVHYQPA SPPRDACVYS SCYCEENVWK LCEYIKNHDQ YPLEECYAVF ISNERKMIPI WKQQARPGDG PVIWDYHVV LHVSSGGQSF IYDLDTVLPF PCLFDTYVED AIKSDDDIHP QFRRKFRVIC ADSYLKNFAS DRSHMKDSSG NWREPPPPYP CIETGDSKMN LNDFISMDPK VGWGAVYTLS EFTHRFGSKN C		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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