

Recombinant Human WDYHV1 Protein

Catalog #	Source	Reactivity	Applications
CRP2537	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human WDYHV1 Protein is produced by our 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	<p>MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID</p> <p>GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV</p> <p>DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK</p> <p>KRIEAIPIQID KYLKSSKYIA WPLQGQWQATF GGGDHPPKSD LVPRGSMEGN GPAAVHYQPA</p> <p>SPPRDACVYS SCYCEENVWK LCEYIKNHDQ YPLEECYAVF ISNERKMIPI WKQQARPGDG</p> <p>PVIWDYHVVL LHVSSGGQSF IYDLDTVLPF PCLFDTYVED AIKSDDDIHP QFRRKFRVIC</p> <p>ADSYLKNFAS DRSHMKDSSG NWREPPPPYP CIETGDSKMN LNDFISMDPK VGWGAVYTLS</p> <p>EFTHRFGSKN C</p>		
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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Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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