

Product Data Sheet

Recombinant Human USP14 Protein

Catalog #	Source	Reactivity	Applications
CRP2509	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human USP14 Protein is produced by E. coli expression system and the target gene encoding Asp91-Gln494 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, pH 8.0.		
Gene Symbol	USP14		
Alternative Names	TGT; Ubiquitin carboxyl-terminal hydrolase 14; Deubiquitinating enzyme 14; Ubiquitin thioesterase 14; Ubiquitin-specific-processing protease 14		
Entrez Gene	9097 (Human)		
SwissProt	P54578 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MDMTEEQLAS AMELPCGLTN LGNTCYMNAT VQCIRSVPEL KDALKRYAGA LRASGEMASA QYITAALRDL FDSMDKTSSS IPPILLQFL HMAFPQFAEK GEQGQYLQQD ANECWIQMMR VLQQKLEAIE DDSVKETDSS SASAATPSKK KSLIDQFFGV EFETTMKCTE SEEEEVTKGK ENQLQLSCFI NQEVKYLFTG LKLRLQEEIT KQSPTLQRNA LYIKSSKISR LPAYLTIQMV RFFYKEKESV NAKVLKDVKF PLMLDMYELC TPELQEKMVS FRSKFKDLED KKVNQQPNTS DKKSSPQKEV KYEPFSFADD IGSNNGGYD LQAVLTHQGR SSSSGHYVSW VKRKQDEWIK FDDDKVSIVT PEDILRLSGG GDWHIAYVLL YGPRRVEIME EESEQ		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
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		

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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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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