

Ubiquitin Specific Peptidase 14 Human Recombinant

| | |
|--|---|
| Item Number | rAP-5013 |
| Synonyms | TGT, Ubiquitin thioesterase 14, Deubiquitinating enzyme 14, Ubiquitin thioesterase 14, Ubiquitin-specific-processing protease 14. |
| Description | USP14 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 517 amino acids (1-494 a.a) and having a molecular mass of 58.5kDa. USP14 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P54578 |
| Amino Acid Sequence | MGSSHHHHHH SSSLVPRGSH MGSMPLYSVT VKWVGKEKFEG VELNTDEPPM VFKAQLFALT GVQPARQKVM VKGGTLKDDD WGNIKIKNGM TLLMMGSADA LPEEPSAKTV FVEDMTEEQL ASAMELPCGL TNLGNTCYMN ATVQCIRSVV ELKDALKRYA GALRASGEMA SAQYITAALR DLFDSMDKTS SSIPPIILLQ FLHMAFPQFA EKGEQGQYLQ QDANECWIQM MRVLQQKLEA IEDDSVKETD SSSASAATPS KKKSLIDQFF GVEFETMCK TESEEEVTK GKENQLQLSC FINQEVKYL TGLKLRQLQEE ITKQSPTLQR NALYIKSSKI SRLPAYLTIQ MVRFFYKEKE SVNAKVLKDV KFPLMLDMYE |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | USP14 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**