

Ubiquitin-Like Modifier Activating Enzyme 3 Human Recombinant

Item Number	rAP-2094
Synonyms	NEDD8-activating enzyme E1 catalytic subunit, NEDD8-activating enzyme E1C, Ubiquitin-activating enzyme E1C, Ubiquitin-like modifier-activating enzyme 3, Ubiquitin-activating enzyme 3, UBA3, UBE1C, hUBA3.
Description	UBA3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 487 amino acids (1-463) and having a molecular mass of 54.4kDa.UBA3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8TBC4
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMADGEE PERKRRRIEE LLAEKMAVDG GCGDTGDWEG RWN-HVKKFLE RSGPFTHPDF EPSTESLQFL LDTCKVLVIG AGGLGCELLK NLALSGFRQI HVIDMDTIDV SNLNRQFLFR PKDIGRPKAE VAAEFLNDRV PNCNVVPHFN KIQDFNDFY RQFHIVCGL DSIIARRWIN GMLISLLNVE DGVLDPSSIV PLIDGGTEGF KGNARVILPG MTACIECTLE LYPPQVNFPM CTIASMPRLP EHCIEYVRML QWPKEQPFGE GVPLDGDDPE HIQWIFQKSL ERASQYNIRG VTYRLTQGVV KRIIPAVAST NAVIAAVCAT EVFKIATSAY IPLNNYLVFN DVDGLYTYTF EAERKENCPA CSQLPQNIQF
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	The UBA3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 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**