

Ubiquitin-Like Modifier Activating Enzyme 5 Human Recombinant

Item Number	rAP-2095
Synonyms	Ubiquitin-like modifier-activating enzyme 5, Ubiquitin-activating enzyme 5, ThiFP1, UFM1-activating enzyme, Ubiquitin-activating enzyme E1 domain-containing protein 1, UBA5, UBE1DC1.
Description	UBA5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 428 amino acids (1-404) and having a molecular mass of 47.4kDa.UBA5 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9GZZ9
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHEMAESVE RLQQRVQELE RELAQERSLQ VPRSGDGGGG RVRIEKMSSE VVDSNPYSRL MALKRMGIVS DYKIRTFV AIVGVGGVGS VTAEMLTRCG IGKLLLFDDYD KVELANMNRL FFQPHQAGLS KVQAAEHTLR NINPDVLFV HNYNITTVENFQHFMDRISN GGLLE- GKPVD LVLSCVDNFE ARMTINTACN ELGQTMESG VSENAVSGHI QLIIPGESAC FACAPPLVVA ANIDEKTLKR EGVCAASLPT TMGVVAGILV QNVLKFLNFTVTSFYLGYN AMQDFFPTMS MKPNPQCDDR NCRKQEEYK KKVAALPKQE VIQEEEEIIH EDNEWGIELV SEVSEELKN
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 UBA5 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 50mM NaCl. 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**