

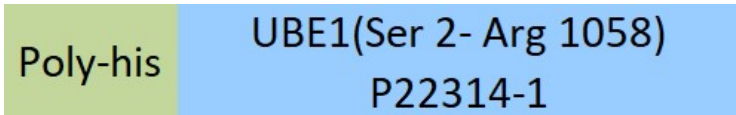
Synonym

A1S9T and BN75 temperature sensitivity complementing,A1S9T,A1ST,AMCX1,GXP1,MGC4781,POC20 centriolar protein homolog,POC20,Protein A1S9,SMAX2,UBA1,UBA1, ubiquitin-activating enzyme E1 homolog A,UBA1A,UBE1,UBE1A1S9,UBE1X,ubiquitin-activating enzyme E1 (A1S9T and BN75 temperature sensitivitycomplementing),Ubiquitin-activating enzyme E1,Ubiquitinactivating Enzyme,Ubiquitin-activating Enzyme,ubiquitin-like modifier activating enzyme 1,ubiquitin-like modifier-activating enzyme 1

Source

Human UBE1/UBA1, His Tag(UB1-H5248) is expressed from Baculovirus-Insect cells. It contains AA Ser 2- Arg 1058 (Accession # [P22314-1](#)).

Molecular Characterization



This protein carries a polyhistidine tag at the N-terminus.

The protein has a calculated MW of 119.8 kDa. The protein migrates as 120-130 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Supplied as 0.2 µm filtered solution in 20 mM Tris, 150 mM NaCl, pH7.5 with glycerol as protectant.

Contact us for customized product form or formulation.

Shipping

This product is supplied and shipped with dry ice, please inquire the shipping cost.

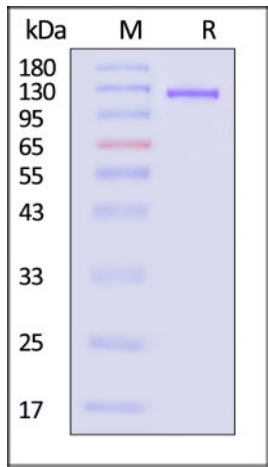
Storage

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- The product MUST be stored at -70°C or lower upon receipt;
- -70°C for 3 months under sterile conditions.

SDS-PAGE



Human UBE1/UBA1, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95% (With [Star Ribbon Pre-stained Protein Marker](#)).

Background

The protein encoded by this gene catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements an X-linked mouse temperature-sensitive defect in DNA synthesis, and thus may function in DNA repair. It is part of a gene cluster on chromosome Xp11.23. Alternatively

Discounts, Gifts,
and more!



Human UBE1 / UBA1 Protein, His Tag

Catalog # UB1-H5248



spliced transcript variants that encode the same protein have been described. [provided by RefSeq, Jul 2008]

