

Recombinant Human UBE2B/HR6B Protein

Catalog Number: PKSH033179

Note: Centrifuge before opening to ensure complete recovery of vial contents.

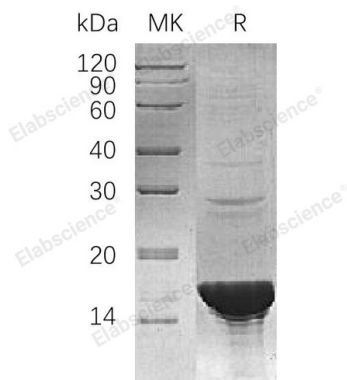
Description

Species	Human
Source	E.coli-derived Human UBE2B/HR6B protein Met 1-Ser152
Mol_Mass	17.5 kDa
Accession	P63146
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 10mM HEPES, pH 7.5.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Ubiquitin-Conjugating Enzyme E2 B (UBE2B) belongs to the ubiquitin-conjugating enzyme family. UBE2B can catalyze the covalent attachment of ubiquitin to other proteins; and is essential for the multi-ubiquitination and degradation of N-end rule substrates. UBE2B is indispensable for postreplication repair of UV-damaged DNA and may be involved in neurite outgrowth. Additionally; UBE2B may have a role in sepsis-induced muscle protein proteolysis and cancer-induced cachexia.

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