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32-2880: UBE2B Recombinant Protein

Alternative Name :	Ubiquitin-conjugating enzyme E2 B,EC 6.3.2.19,Ubiquitin-protein ligase B,Ubiquitin carrier protein B,HR6B,hHR6B,E2-17 kDa UBC2,HHR6B,RAD6B,E2-17kDa,UBE2B.

Description

Source : Escherichia Coli. Ubiquitin Conjugating Enzyme E2B Human Recombinant produced in E.coli is a 19 kDa protein containing 166 amino acids.The UE2B protein contains 6xHis tag and is purified by proprietary chromatographic techniques. This E2 enzyme encodes for the human homolog of the yeast DNA repair gene RAD6, which is induced by DNA damaging agents. UBE2B can conjugate ubiquitin to histone H2A in an E3- independent manner in vitro, and is essential for the multi-ubiquitination and degradation of N-end rule substrates. Additionally, UBE2B may have a role in sepsis-induced muscle protein proteolysis and cancer-induced cachexia.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	Lyophilized from a 0.2µm filtered concentrated (1 mg/ml) solution in 1X PBS and 1mM DTT, pH 7.5.
Storage condition :	Lyophilized UBE2B although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution UBE2B should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	MHHHHHHAMGQLRSMSTPARRRLMRDFKRLQEDPPVGVSGAPSENNIMQWNAVIFGPEGTPFEDGTFKLVIEFSEEYPNKPPTVRFLSKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQSLLDEPNPNSPANSQAAQLYQENKREYEKRVSAIVEQSWNDS.

Application Note

It is recommended to reconstitute the lyophilized UBE2B in sterile water not less than 100ÃÂµg/ml, which can then be further diluted to other aqueous solutions.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.