

Product: UBC9, human, recombinant
Catalog #: 12-4315
Amount: 10 µg

DESCRIPTION: Recombinant human UBC9 (rHuUBC9)
Human UBC9 Ubiquitin-like protein SUMO-1 conjugating enzyme is also called UBE2I. rHuUBC9 Mediates the conjugation of the ubiquitin-like protein SUMO-1 to a variety of proteins including RanGAP1, IκappaBα, and PML without the requirement of an ubiquitin ligase (E3). The predicted molecular weight of hUBC9 is 18 KDa. The final fraction of enzyme contains single polypeptide band of approximately 23 kDa on SDS PAGE.

SOURCE: *Escherichia coli* expression system

PURITY: > 98%, as determined by:
(a) Analysis by RP-HPLC and anion-exchange FPLC
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

ENDOTOXIN: Less than 0.1 ng/µg (IEU/µg) of rHuUBC9

DIMERS & AGGREGATES: Less than 1% as determined by silver stained SDS-PAGE gel analysis

FORM: Purified, in 10 mM Tris-HCl, pH 7.5, 100 mM NaCl, 100 mM imidazole, 0.5 mM PMSF, 1 mM DTT, and 10 % glycerol.

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

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