

Recombinant Human USB1 Protein, MYC/DDK-tagged

Cat. No. USB1-683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human USB1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a protein with several conserved domains, however, its exact function is not known. Mutations in this gene are associated with poikiloderma with neutropenia (PN), which shows phenotypic overlap with Rothmund-Thomson syndrome (RTS) caused by mutations in the RECQL4 gene. It is believed that this gene product interacts with RECQL4 protein via SMAD4 proteins, explaining the partial clinical overlap between PN and RTS. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Mar 2011].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	30.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	U6 snRNA biogenesis phosphodiesterase 1[Homo sapiens]
Official Symbol	USB1
Synonyms	C16orf57; hUsb1; HVSL1; Mpn1; PN
Gene ID	79650
Protein Refseq	NP_078874
MIM	613276
UniProt ID	Q9BQ65

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