

## Recombinant Human SUB1, His tagged

**Cat. No.** SUB1-562H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SUB1 mature form (P53999) (Met1-Leu127), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-127 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, 10% glycerol, pH 7.4 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SUB1 consists of 142 amino acids and predicts a molecular mass of 16.2 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** SUB1 SUB1 homolog (*S. cerevisiae*) [ *Homo sapiens* ]

**Official Symbol** SUB1

**Gene ID** 10923

**mRNA Refseq** NM\_006713

**Protein Refseq** NP\_006704

**MIM** 600503

**UniProt ID** P53999

**Chromosome Location** 5p13.3

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