

Recombinant Human EIF6 protein, T7-tagged

Cat. No. EIF6-141H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EIF6 (245 aa, Isoform-A) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	245 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMAVRASFENNCEIGCFAKLTNTYCLVAIGGSENFYSVFEG ELSDTIPVVHASIAGCRIIG RMCVGNRHGLLPNNTTDQELQHIRNSLPDTVQIRRVE ERLSALGNVTTTCNDYVALVHPDLDTRETEEILADV LKV EVFRQTVADQVLVGSYCVFS NQGGLVHPKTSIEDQDELSSLLQVPLVAGTVNVRGSEVIAAGMVVNDWCAFCGLDT T STELSVVESVFKLNEAQPSTIATSMRDSLIDSLT
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro EIF6 mediated ribosome biogenesis pathway regulation study with intracellular delivery of this protein.2. As soluble / native protein, may be used as enzymatic substrate protein for kinase and ubiquitin assay development.3. May be used for mapping EIF6 protein-protein interaction.4. Potential diagnostic biomarker for various diseases, such as Shwachman-Diamond syndrome.5. May be

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used as antigen for specific antibody development.

Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

Gene Name

EIF6 eukaryotic translation initiation factor 6 [Homo sapiens]

Official Symbol

EIF6

Synonyms

EIF6; eukaryotic translation initiation factor 6; EIF3A, integrin beta 4 binding protein , ITGB4BP; b(2)gcn; p27BBP; B4 integrin interactor; p27 beta-4 integrin-binding protein; eukaryotic translation initiation factor 3A; CAB; EIF3A; eIF-6; ITGB4BP; p27(BBP);

Gene ID

3692

mRNA Refseq

NM_002212

Protein Refseq

NP_002203

MIM

602912

UniProt ID

P56537

**Chromosome
Location**

20q11.2

Pathway

Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in

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eukaryotes, conserved biosystem; Translation Factors, organism-specific biosystem;

Function

protein binding; ribosome binding; translation initiation factor activity;

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