

Recombinant Human EIF4EBP3 Protein (1-100 aa), His-SUMO-tagged

Cat. No. EIF4EBP3-476H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4EBP3 Protein (1-100 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-100 aa
Description	Repressor of translation initiation that regulates EIF4E activity by preventing its assembly into the eIF4F complex: hypophosphorylated form competes with EIF4G1/EIF4G3 and strongly binds to EIF4E, leading to repress translation. In contrast, hyperphosphorylated form dissociates from EIF4E, allowing interaction between EIF4G1/EIF4G3 and EIF4E, leading to initiation of translation.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	26.9 kDa
AA Sequence	MSTSTSCPIPGGRDQLPDCYSTTPGGTLYATTPGGTRIIYDRKFLLECKNSPIARTPP CCLPQIPGVTTPTAPLSKLEELKEQETEEEIPDDAQFEMDI
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

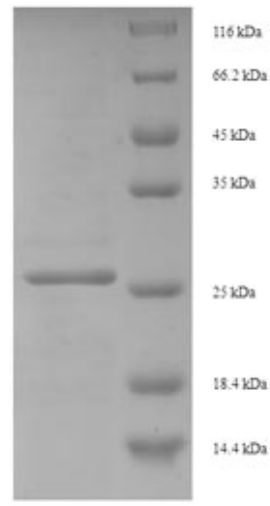
GENE INFORMATION

Gene Name	EIF4EBP3 eukaryotic translation initiation factor 4E binding protein 3 [Homo sapiens]
Official Symbol	EIF4EBP3
Synonyms	EIF4EBP3; 4E BP3; 4EBP3; 4E-BP3;
Gene ID	8637
mRNA Refseq	NM_003732
Protein Refseq	NP_003723
MIM	603483
UniProt ID	O60516

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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