Recombinant Rat Eif4ebp1 protein, His-tagged

Cat. No. Eif4ebp1-1847R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Eif4ebp1 aa. (Ser2~Ile117 (Accession # Q62622)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser2~Ile117
Description	Forms a complex with eukaryotic initiation factor-4E (eIF-4E) and is anintracellular target for insulin and growth factors.
Form	Freeze-dried powder
Molecular Mass	13.79kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>97%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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	than 5% within the expiration date under appropriate storage condition.
Storage	Store at 4oC for short term storage (1-2 weeks). Aliquot and store at -20oC or -80oC for long term storage. Avoid repeated freeze/thaw cycles.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4.
Reconstitution	Reconstitute in PBS.

GENE INFORMATION

Gene Name	Eif4ebp1 eukaryotic translation initiation factor 4E binding protein 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Eif4ebp1
Synonyms	Eif4ebp1; eukaryotic translation initiation factor 4E binding protein 1; PHAS-I; eukaryotic translation initiation factor 4E-binding protein 1; 4E-BP1; eIF4E-binding protein 1; phosphorylated heat- and acid-stable protein regulated by insulin 1
Gene ID	116636
mRNA Refseq	NM_053857.2
Protein Refseq	NP_446309.1
UniProt ID	Q62622

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