

## Recombinant Rat Eif2b3 protein

**Cat. No.** Eif2b3-5179R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Eif2b3 protein(P70541)(1-452 aa) was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Mammalian cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-452 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AASequence</b>       | MEFQAVVMAV GGGSRMTDLT SSIPKPLL PV GNKPLIWYPL NLLERVGFE<br>VIVVTTKDVQ KALCAEFKMK LKPDIVCIPD EADMGTADSL RHIYPKLKTD<br>VLVLGCIDLIT DVALHEVVDL FRAYDASLAM LMRKGQESTE PVPGQKGKKK<br>TVEQRDFIGV DSTGKRLLFM ANEADLDEEL VIKGSILQKH PRIHFQTGLV<br>DAHLYCLKKY VVDLFMENKS ITSIRSELIP YLVRKQFSSA SSQQRQEDKE<br>EDLKKKEPKS LDIYSFIKKD NTLTLAPYDA CWNAFRRDKW EDLSRSQVRC<br>YVHIMKEGLC SRVSTLGLYM EANRQVPKLL SVLCPEESMI HPSAQIANKH<br>LIGADSLIGS DTQVGEKSSI KRSVIGSSCV IRDRVTVTNC LLMNSVTVEE<br>GSSIHGSVIC NNAVVEAGAE IRDCLIGSGQ RIEAKAKRMN EVIVGNDQLM EI |
| <b>Purity</b>           | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                             |

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**GENE INFORMATION**

**Gene Name** [Eif2b3 eukaryotic translation initiation factor 2B, subunit 3 \[ Rattus norvegicus \]](#)

**Official Symbol** [Eif2b3](#)

**Synonyms** EIF2B3; eukaryotic translation initiation factor 2B, subunit 3; translation initiation factor eIF-2B subunit gamma; eIF-2B GDP-GTP exchange factor subunit gamma; eukaryotic translation initiation factor 2B, subunit 3 gamma; eukaryotic translation initiation factor 2B, subunit 3 (gamma, 58kD);

**Gene ID** [171145](#)

**mRNA Refseq** [NM\\_133609](#)

**Protein Refseq** [NP\\_598293](#)

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