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EEF1B2 Human

Eukaryotic Translation Elongation Factor 1 Beta 2 Human Recombinant RCP0706

Product Overview

Name	EEF1B2 Human

Description

Eukaryotic Translation Elongation Factor 1 Beta 2 Human Recombinant

Accession (Primary)	P24534

Synonyms

Elongation factor 1-beta, EF-1-beta, EEF1B2, EEF1B, EF1B, EEF1B1.

Introduction

Elongation factor 1-beta (EEF1B2) is a translation elongation factor. EEF1B2 is a guanine nucleotide exchange factor which is involved in the transfer of aminoacylated tRNAs to the ribosome. Both EEF1B2 and EEF1D stimulate the exchange of GDP bound to EEF1A to GTP.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The EEF1B2 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 1mM DTT and 100mM NaCl.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGFGDLKSPA GLQVLNDYLA DKSYIEGYVP SQADVAVFEA VSSPPPADLC HALRWYNHIK SYEKEKASLP GVKKALGKYG PADVEDTTGS GATDSKDDDD IDLFGSDDEE ESEEAKRLRE ERLAQYESKK AKKPALVAKS SILLDVKPWD DETDMAKLEE CVRSIQADGL VWGSSKLVPV GYGIKKLQIQ CVVEDDKVGT DMLEEQITAF EDYVQSMDVA AFNKI LEHHH HHH.

Precautions

EEF1B2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P24534)