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SEC61B Human

SEC61B Human Recombinant
RCP2017

Product Overview

Name	SEC61B Human

Description

SEC61B Human Recombinant

Accession (Primary)	P60468

Synonyms

Protein transport protein Sec61 subunit beta, SEC61B, Sec61 Beta Subunit, Protein Translocation Complex Beta, Protein Transport Protein SEC61 Beta Subunit, Sec61 Complex Beta Subunit.

Introduction

The Sec61 complex is the key component of the protein translocation apparatus of the ER (endoplasmic reticulum) membrane. Oligomers of the Sec61 complex construct a transmembrane channel where proteins are translocated across and incorporated into the ER membrane. This complex consists of 3 membrane proteins- alpha, beta, and gamma. The SEC61B gene encodes the beta-subunit protein. The Sec61 subunits are also detected in the post-ER compartment, suggesting that these proteins can get out of the ER and recycle back.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

SEC61B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.

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 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MPGPTPS GTNVGSSGRS PSKAVAARAA GSTVRQRKNA SCGTRSAGRT TSAGTGGMWR FYTEDSPGLK VGP.

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Precautions

SEC61B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P60468)