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32-4793: Recombinant Human SEC61B

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

Description

Source : Escherichia Coli. SEC61B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 93 amino acids (1-70 a.a) and having a molecular mass of 9.4kDa.SEC61B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	SEC61B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMPGPTPS GTNVGSSGRS PSKAVAARAA GSTVRQRKNA SCGTRSAGRT TSAGTGGMWR FYTEDSPGLK VGP.

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