
Product Data Sheet

Product Name: SEC22B Human

Cat. No.: GP24514

Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	SEC22 Vesicle Trafficking Protein Homolog B (S. Cerevisiae) Gene/Pseudogene; SEC22 Vesicle Trafficking Protein-Like 1 (S. Cerevisiae); ER-Golgi SNARE Of 24 KDa; SEC22L1; ERS-24.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSM LPLAAS MQEDEQSGRD LQQYQSQAKQ LFRKLNEQSP TRCTLEAGAM TFHYIIEQGV CYLVLCEAAF PKKLAFAYLE DLHSEFDEQH GKKVPTVSRP YSFIEFDTFI QKTKKLYIDS RARRNLGSIN TELQDVQRIM VANIEEVLQR GEALSALDSK ANNLSSLSKK YRQDAKYLMN RSTYA		
Formulation	The SEC22B solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 0.15M NaCl and 10% glycerol.		

Introduction

Vesicle-trafficking protein SEC22b precursor (SEC22B) is a member of the synaptobrevin family. SEC22B forms a complex with SNARE and it is believed to have a role in the ER-Golgi protein trafficking. SEC22B has a strong similarity to the mouse and Chinese hamster proteins.

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.

Background

SEC22B Human Recombinant produced in E. coli is a single polypeptide chain containing 205 amino acids (14-194) and having a molecular mass of 23.3 kDa. SEC22B is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic

Caution: Product has not been fully validated for medical applications. For research use only.

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