

## SEC22B Human

**Description:**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 techniques.

Catalog #:PRPS-1219

For research use only.

**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.

**Source:**E.coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSM LPLAAS MQEDEQSGRD  
LQQYQSQAKQ LFRKLNQSP TRCTLEAGAM TFHYIEQGV CYLVLCEAAF PKKLAFAYLE  
DLHSEFDEQH GKKVPTVSRP YSFIEFDTFI QKTKKLYIDS RARRNLGSIN TELQDVQRIM  
VANIEEVLQR GEALSALDSK ANNLSLSSKK YRQDAKYLNM RSTYA

**Purity:**Greater than 90% as determined by SDS-PAGE.

### Formulation:

The SEC22B solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 0.15M NaCl and 10% glycerol.

### 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.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### 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.

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