

32-4994: Recombinant Human Syntaxin-12

Alternative Name : Syntaxin 12,STX13,STX14.

Description

Source : E.coli. STX12 Human Recombinant produced in E. coli is a single polypeptide chain containing 272 amino acids (1-248) and having a molecular mass of 31.0kDa.STX12 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. STX12 is a member of the syntaxin family which are cellular receptors for transport of vesicles that take part in exocytosis in neutrophils. STX12 regulates protein transport from late endosomes and the trans-Golgi network and back. Additionally, STX12 cooperates with ABC1 (ATP-binding cassette transporter A1), which enables cellular release of cholesterol and choline-phospholipids to apoA-I (apolipoprotein A-I).

Product Info

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| Amount : | 10 µg |
| Purification : | Greater than 90% as determined by SDS-PAGE. |
| Content : | The STX12 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 1mM DTT and 20% glycerol. |
| 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 MGSMSYGPL DMYRNPGPSG PQLRDFSSII QTCSGNIQRI SQATAQIKNL MSQLGTKQDS SKLQENLQQL QHSTNQLAKE TNELLKELGS LPLPLSTSEQ RQRLQKERL MNDFSAALNN FQAVQRRVSE KEKESIRAR AGSRLSAEER QREEQLVSFD SHEEWNQM QS QEDEVAITEQ DLELIKERET AIRQLEADIL DVNQIFKDLA MMIHDQGD LI DSIEANVESS EVHVERATEQ LQRAAYYQKK SR |