9051 Mira Mesa Blvd, #910094
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# STX2 Human

*Syntaxin-2 Human Recombinant*
*RCP2285*

## Product Overview

| | |
|---|---|
| Name | STX2 Human |
| **Description** | |
| Syntaxin-2 Human Recombinant | |
| Accession (Primary) | P32856 |
| **Synonyms** | |
| Syntaxin 2, epimorphin, EPM, EPIM, STX2A, STX2B, STX2C. | |
| **Introduction** | |
| Syntaxin-2 (STX2) is a member of the syntaxin/epimorphin family of proteins. Syntaxin family members are cellular receptors for transport vesicles which participate in exocytosis in neutrophils. STX2 regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. STX2 is a t-SNARE which localizes to the apical plasma membrane and intracellular vesicular structures. In addition, STX2, along with SNAP-23, is essential for regulated surfactant secretion. | |
| **Source** | |
| E.coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| The STX2 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 50% 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. | |
| **Purity** | |
| Greater than 95% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGSHM MRDRL PDLTACRKND DGDTVVVVEK DHFMDDFFHQ VEEIRNSIDK ITQYVEEVKK NHSIILSAPN PEGKIKEELE DLNKEIKKTA NKIRAKLKAI EQSFDQDESG NRTSVDLRIR RTQHSVLSRK FVEAMAEYNE AQTLFRERSK GRIQRQLEIT GRTTTDDELE EMLESGKPSI FTSDIISDSQ ITRQALNEIE SRHKDIMKLE TSIRELHEMF MDMAMFVETQ GEMINNIERN VMNATDYVEH AKEETKKAIK | |

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**Precautions**

STX2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P32856 )