

## 32-8256: Recombinant Human Syntaxin-8/STX8

**Gene :** STX8  
**Gene ID :** 9482  
**Uniprot ID :** Q9UNK0

### Description

Source: E. coli.  
MW :24.6kD.

Recombinant Human Syntaxin-8 is produced by our E.coli expression system and the target gene encoding Met1-Gly215 is expressed. Syntaxin-8 is a single-pass type IV membrane protein which belongs to the syntaxin family. It contains one t-SNARE coil homology domain. STX8 is highly expressed in heart, also found in brain, kidney, liver, lung, placenta, skeletal muscle, spleen and pancreas. STX8 is involved in protein trafficking from early to late endosomes via vesicle fusion and exocytosis. It as a vesicle trafficking protein functions in the early secretory pathway, possibly mediating retrograde transport form cis-golgi membrane to the ER.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MAPDPWFSTYDSTCQIAQEIAEKIQQRNQYERKGEKAPKLTVTIRALLQNLKEKIALLDLLRAVSTHQITQLEG  
DRRQNLLDDLVTRELLLASFKNEGAEPDLIRSSLMSEEAKRGAPNPWLFEEPEETRGLGFDEIRQQQKIIQEQ  
DAGLDALSSIISRQKQMGQEIGNELDEQNEIIDDLANLVENTDEKLRNETRRVNMVDRKSASCG

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.