

[Go to Product page](#)

## Datasheet for ABIN1692453 STX8 Protein (AA 1-215)

### Overview

Quantity:	50 µg
Target:	STX8
Protein Characteristics:	AA 1-215
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human Syntaxin-8/STX8
Sequence:	MAPDPWFSTY DSTCQIAQEI AEKIQQRNQY ERKGEKAPKL TVTIRALLQN LKEKIALKLD LLLRAVSTHQ ITQLEGDRRQ NLLDDLVTRE RLLLASFKNE GAEPDLIRSS LMSEEAKRGA PNPWLFEETPE ETRGLGFDEI RQQQKIIQE QDAGLDALSS IISRQKQMGQ EIGNELDEQN EIIDDLANLV ENTDEKLRNE TRRVNMMVDRK SASCG
Characteristics:	Recombinant Human Syntaxin-8/STX8 is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Gly215) of Human STX8.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

### Target Details

Target:	STX8
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## Target Details

Alternative Name:	STX8 ( <a href="#">STX8 Products</a> )
Background:	<p>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.</p> <p>Alternative Names: Syntaxin-8, STX8</p>
Molecular Weight:	24.6 kDa
UniProt:	<a href="#">Q9UNK0</a>
Pathways:	<a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
Expiry Date:	5 months