

## Recombinant Human STX8 Protein

**Cat. No.** STX8-545H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STX8 was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Vesicle trafficking protein that functions in the early secretory pathway, possibly by mediating retrograde transport from cis-Golgi membranes to the ER.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
<b>Molecular Mass</b>	24.6kD
<b>AA Sequence</b>	MAPDPWFSTYDSTCQIAQEIAEKIQQRNQYERKGEKAPKLTVTIRALLQNLKEKIAL KDLLLRVSTHQITQLEGDRRQNLLDDLVTRELRLLASFKNEGAEPDLIRSSLMSEEA KRGAPNPWLFEEPEETRGLGFDEIRQQQKIIQEIQDAGLDALSSIISRQKQMGQEIG NELDEQNEIIDDLANLVENTDEKLRNETRRVNMVDRKSASCG
<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

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freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	STX8 syntaxin 8 [ Homo sapiens ]
<b>Official Symbol</b>	STX8
<b>Synonyms</b>	STX8; syntaxin 8; syntaxin-8; CARB; CIP-1-associated regulator of cyclin B;
<b>Gene ID</b>	9482
<b>mRNA Refseq</b>	NM_004853
<b>Protein Refseq</b>	NP_004844
<b>MIM</b>	604203
<b>UniProt ID</b>	Q9UNK0

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