

**Product Name: Recombinant Human STX6**  
**Catalog #: PEH1596**



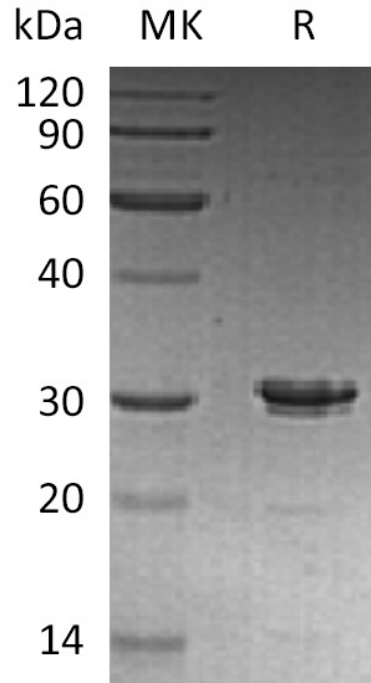
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## Summary

<b>Name</b>	Syntaxin-6/STX6
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Syntaxin-6 is produced by our E.coli expression system and the target gene encoding Ser2-Gln234 is expressed.
<b>Accession #</b>	O43752
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	26.8 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### **Alternative Names**

Syntaxin-6; STX6

### **Background**

Syntaxin-6 (STX6) is a single-pass type IV membrane protein, which belongs to the Syntaxin family. STX6 is mainly localized in the plasma membrane. STX6 contains one t-SNARE coiled-coil homology domain and involved in intracellular vesicle trafficking. When STX6 function is inhibited, internalization through caveolae is dramatically reduced, whereas other endocytic mechanisms are unaffected. It is reported that STX6 is necessary for proper expression of focal adhesion kinase and integrin alpha5 adhesion receptor.

### **Note**

For Research Use Only , Not for Diagnostic Use.