

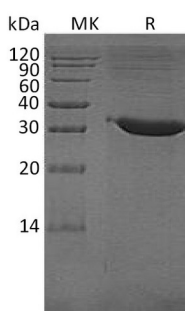
**Product Name: Recombinant Human TPSB2 (C-6His)**  
**Catalog #: PHH1733**



## Summary

<b>Name</b>	Tryptase beta-2/TPSB2
<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 Tryptase Beta-2 is produced by our Mammalian expression system and the target gene encoding Ala19-Pro275 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	AAH29356.1
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	29.64 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

<b>Alternative Names</b>	Tryptase Beta-2; Tryptase-2; Tryptase II; TPSB2; TPS2
<b>Background</b>	Tryptases are Trypsin-like Serine Proteases. β-Tryptases are the main isoenzymes in mast cells. Btryptases form active tetramers with heparin proteoglycan. In the

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tetramer, the unique arrangement of the active sites facing a narrow central pore,  $\beta$ -Tryptases are resistant to macromolecule protease inhibitors . When mast cells are activated,  $\beta$ -Tryptases are released and participate in provoking inflammatory conditions .  $\beta$ -Tryptases have been implicated as mediators in the pathogenesis of asthma and other allergic disorders.

### **Note**

For Research Use Only , Not for Diagnostic Use.