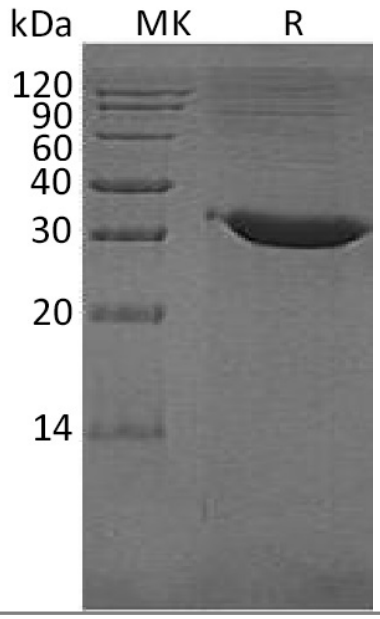
Product Name: Recombinant Human TPSB2 (C-6His)
Catalog #: PHH1733

Summary

Name	Tryptase beta-2/TPSB2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	AAH29356.1
Host	Human Cells
Species	Human
Predicted Molecular Mass	29.64 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	

SDS-PAGE image



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Alternative Names

Tryptase Beta-2; Tryptase-2; Tryptase II; TPSB2; TPS2

Background

Tryptases are Trypsin-like Serine Proteases. β-Tryptases are the main isoenzymes in mast cells. Btryptases form active tetramers with heparin proteoglycan. In the tetramer, the unique arrangement of the active sites facing a narrow central pore, β-Tryptases are resistant to macromolecule protease inhibitors . When mast cells are activated, β-Tryptases are released and participate in provoking inflammatory conditions . β-Tryptases have been implicated as mediators in the pathogenesis of asthma and other allergic disorders.

Note

For Research Use Only , Not for Diagnostic Use.