

Tryptase beta-2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P71131
Synonyms:	Tryptase beta-2; Tryptase-2; Mast cell protease 6; mMCP-6
Species:	Mouse
Source:	HEK293
Accession:	P21845 (A22-S276)
Gene ID:	17229
Molecular Weight:	32-38 kDa

PROPERTIES

AA Sequence	<pre> A P R P A N Q R V G I V G G H E A S E S K W P W Q V S L R F K L N Y W I H F C G G S L I H P Q W V L T A A H C V G P H I K S P Q L F R V Q L R E Q Y L Y Y G D Q L L S L N R I V V H P H Y Y T A E G G A D V A L L E L E V P V N V S T H I H P I S L P P A S E T F P P G T S C W V T G W G D I D N D E P L P P P Y P L K Q V K V P I V E N S L C D R K Y H T G L Y T G D D F P I V H D G M L C A G N T R R D S C Q G D S G G P L V C K V K G T W L Q A G V V S W G E G C A Q P N K P G I Y T R V T Y Y L D W I H R Y V P E H S </pre>
Biological Activity	Data is not available.
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM PB, 50% glycerin, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	<p>Tryptase beta-2, a neutral protease primarily found in mast cells, assumes a significant role in innate immunity. It acts as the major proteolytic enzyme released during the activation-degranulation response of mast cells, contributing to their immune functions. The involvement of Tryptase beta-2 underscores its importance in mediating cellular responses associated with innate immunity, emphasizing its role in the complex and dynamic defense mechanisms of the immune system.</p>
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA