
Product Data Sheet

Product Name: PRSS22 Mouse
 Cat. No.: GP22168
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Brain-specific serine protease 4; Prss22; 4733401N09Rik; BSSP-4; SP001LA; Serine protease 22; Serine protease 26; Tryptase epsilon; Bssp4; Prss26.		
Amino Acid Sequence	ATIRVSPDCG KPQQLNRIVG GEDSMDAQWP WIVSILKNGS HHCAGSLLTN RWVVTAAHCF KSNMDKPSLF SVLLGAWKLG SPGPRSQKVG IAWVLPHPRY SWKEGTHADI ALVRLEHSIQ FSERILPICL PDSSVRLPPK TDCWIAGWGS IQDGVPLPHP QTLQKLKVP I IDSELCKSLY WRGAGQEAIT EGMLCAGYLE GERDACLGDS GGPLMCQVDD HWLLTGIISW GEGCAERNRP GVYTSLLAHR SWVQRIVQGV QLRGYLADSG DTGSSLEHHH HHH.		
Formulation	PRSS22 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.		

Introduction

Protease Serine 22 also known as Prss22 is identified brain-specific expression gene which is expressed mainly in epithelium rich tissues such as the lung and eye. Prss22 encodes to a serine protease which called BSSP-4 or BSP-2.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

PRSS22 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 283 amino acids (33-307) and having a molecular mass of 31.1kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). PRSS22 is

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fused to 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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