32-6901: PRSS3 Human, sf9

Alternative Name :	Protease, Serine, 3, Protease, Serine, 4 (Trypsin 4, Brain), Brain Trypsinogen, Mesotrypsinogen, Mesotrypsin, Trypsin III, EC 3.4.21.4 4, Trypsin IV, PRSS4, TRY3, TRY4 Protease, Serine, 3 (Mesotrypsin), Pancreatic Trypsinogen III, Serine Protease 3, Serine Protease 4, Trypsinogen IV, Trypsinogen 4, Trypsinogen 5, EC 3.4.21, MTG, T9.

Description

Source: Sf9, Insect cells.

Sterile filtered colorless solution.

PRSS3 is a trypsinogen, and a member of the trypsin family of serine proteases. PRSS3 is expressed in the pancreas and brain and is unaffected by common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. PRSS3 is restricted to the locus of T cell receptor beta variable orphans on chromosome 9. 4 different isoforms encoded by 4 transcript variants were identified for this gene.

PRSS3 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 233 amino acids (81-304a.a.) and having a molecular mass of 25.3kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).PRSS3 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	PRSS3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPIVGGYTC EENSLPYQVS LNSGSHFCGG SLISEQWVVS AAHCYKTRIQ VRLGEHNIKV LEGNEQFINA AKIIRHPKYN RDTLDNDIML IKLSSPAVIN ARVSTISLPT APPAAGTECL ISGWGNTLSF GADYPDELKC LDAPVLTQAE CKASYPGKIT NSMFCVGFLE GGKDSCQRDS GGPVVCNGQL QGVVSWGHGC AWKNRPGVYT KVYNYVDWIK DTIAANSHHH HHH.