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32-2736: PRSS3 Recombinant Protein

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

Description

Source : Escherichia Coli. PRSS3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 247 amino acids (81-304) and having a molecular mass of 26.0kDa.PRSS3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The PRSS3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 :	MGSSHHHHHH SSGLVPRGSH MGSIVGGYTC EENSLPYQVS LNSGSHFCGG SLISEQWVVS AAHCYKTRIQ VRLGEHNIKV LEGNEQFINA AKIIRHPKYN RDTLDNDIML IKLSSPAVIN ARVSTISLPT APPAAGTECL ISGWGNTLSF GADYPDELKC LDAPVLTQAE CKASYPGKIT NSMFCVGFLE GGKDSCQRDS GGPVVCNGQL QGVVSWGHGC AWKNRPGVYT KVYNYVDWIK DTIAANS

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