

32-6904: PRSS28 Mouse

Alternative Name : Serine protease 28, Implantation serine proteinase 1, ISP-1, Strypsin, Trypsin-like proteinase.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Serine protease 28, also known as Prss28, is a member of the S1 serine proteinase family with a conserved Histidine-Aspartic Acid-Serine catalytic triad. Prss28 shows mixed substrate specificity which silences signaling through proteinase-activated receptors. Furthermore, Prss28 is involved with embryo hatching and its activity is vital for successful implantation.

PRSS28 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 256 amino acids (27-274a.a.) and having a molecular mass of 28.7kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). PRSS28 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : PRSS28 protein solution (0.25mg/ml) containing 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 : KPVGIVGGQC TPPGKWPWQV SLRMYSYEVN SWVHICGCSI IHPQWILTAA HCIQSQDADP AVYRVQVGEV
YLYKEQELLN ISRIIHPDY NDVSKRFDLA LMQLTALLVT STNVSPVSLP KDSSTFDSTD QCWLVGWGNL
LQRVPLQPPY QLHEVKIPIQ DNKSCRAYR KKSSDEHKAV AIFDDMLCAG TSGRGPCFGD SGGPLVCWKS
NKWIQGVVS KGIDCSNNLP SIFSRVQSSL AWIHQHIQLE HHHHHH.