

Prss22, 33-307aa, Mouse, His tag, Baculovirus

Cat.NO.: TP03549

3th Edition

Synonyms:Brain-specific serine protease 4, Prss22, 4733401N09Rik, BSSP-4, SP001LA, Brain specific serine protease 4, BSSP 4, BSSP4, hBSSP 4, MGC9599.

Description:Prss22, also known as brain-specific serine protease 4, is identified brain-specific expression gene. Brain-specific serine protease 4(BSSP-4) and brain serine protease 2 (BSP-2) are different names given for the same serine protease that is encoded by the Prss22 gene. This protein is preferentially expressed in epithelium-rich tissues such as the lung and eye. Recombinant mouse Prss22, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

Molecular Weight:31.1kDa (283aa), 28-40kDa (SDS-PAGE under reducing conditions.)

Sequences:

ATIRVSPDCGKPKQLNRIVGGEDSMDAQWPWIVSILKNGSHHCAGSLLTNRWVVTAAHCFKSNMDKPSLFSVLLG
AWKLGSPGPRSQKVGIAWVLPHPRYSWKEGTHADIALVRLEHSIQFSERILPICLPDSSVRLPPKTDCWIAGWGSIQ
DGVPLPHPQTLQKLKVPDIIDSELCKSLYWRGAGQEAITEGMLCAGYLEGERDAACLGDSSGGLMCQVDDHWLLTGII
SWGEGCAERNRPGVYTSLLAHRSWVQRIVQGVQLRGLADSGDTGSSLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.