



# Recombinant Human Testisin (PRSS21)

<b>Product Code</b>	CSB-YP897592HU
<b>Abbreviation</b>	PRSS21
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9Y6M0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	IVGGEDAEL GRWPWQGLR LWDSHVCVGS LLSHRWALTA AHCFTYSIDL SDPSGWMVQF GQLTSMPSFW SLQAYYTRYF VSNIYLSPRY LGNSPYDIAL VKLSAPVTYT KHIQPICLQA STFEFENRTD CWVTGWGYIK EDEALPSPT LQEVQVAIIN NSMCNHLFLK YSFRKDIFGD MVCAGNAQGG KDACFGDSSG PLACNKNGLW YQIGVVSQGV GCGRPNRPGV YTNISHHFEW IQKLMAQS
<b>Source</b>	Yeast
<b>Target Names</b>	PRSS21
<b>Protein Names</b>	Recommended name: Testisin EC= 3.4.21.- Alternative name(s): Eosinophil serine protease 1 Short name= ESP-1 Serine protease 21
<b>Expression Region</b>	42-288
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a cell-surface anchored serine protease, which is a member of the trypsin family of serine proteases. It is predicted to be active on peptide linkages involving the carboxyl group of lysine or arginine. The protein localizes to the cytoplasm and the plasma membrane of premeiotic testicular germ cells and it may be involved in progression of testicular tumors of germ cell origin. Alternative splicing of this gene results in three transcript variants encoding three different isoforms.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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