

Recombinant Human PRSS2 protein(16-247aa(K23Q,S167G)), His-tagged

Cat. No. PRSS2-3029H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRSS2 protein(P07478)(16-247aa(K23Q,S167G)), fused with C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	16-247aa(K23Q,S167G)
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	25.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

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AA Sequence

APFDDDDQIVGGYICEENSVPYQVSLNSGYHFCGGSLLISEQWVVSAGHCYKSRIQV
 RLGEHNIEVLEGNEQFINAAKIIRHPKYNSTLDNDILLIKLSSPAVINSRVSAISLPTAP
 PAAGTESLISGWGNTLSSGADYPDELQCLDAPVLGQAECEASYPGKITNNMFCVGF
 LEGGKDSCQGDSSGPVVSNGELQGIVSWGYGCAQKNRPGVYTKVYNYVDWIKDTI
 AANS

GENE INFORMATION

Gene Name [PRSS2 protease, serine, 2 \(trypsin 2\) \[Homo sapiens \]](#)

Official Symbol [PRSS2](#)

Synonyms PRSS2; protease, serine, 2 (trypsin 2); trypsin-2; TRY2; trypsin 2; trypsin II; trypsinogen 2; serine protease 2; anionic trypsinogen; protease serine 2 preproprotein; protease, serine, 2, preproprotein; TRY8; TRYP2; MGC111183; MGC120174; MGC120175;

Gene ID [5645](#)

mRNA Refseq [NM_002770](#)

Protein Refseq [NP_002761](#)

MIM [601564](#)

UniProt ID [P07478](#)

SDS-PAGE

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