

Trypsin, Human Pancreas recombinant protein**Beta-trypsin, Cationic trypsinogen, Serine protease 1, Trypsin I, PRSS1, TRP1, TRY1, TRYP1****Catalog # PBV10916r****Specification**

Trypsin, Human Pancreas recombinant protein - Product info

Primary Accession

[P07477](#)

Calculated MW

21-23 kDa KDa**Trypsin, Human Pancreas recombinant protein - Additional Info**

Gene ID

5644

Gene Symbol

TRYP1**Other Names**

Beta-trypsin, Cationic trypsinogen, Serine protease 1, Trypsin I, PRSS1, TRP1, TRY1, TRYP1

Gene Source

Human

Source

Human Pancreas

Assay&Purity

SDS-PAGE; ≥95%

Assay2&Purity2

N/A;

Recombinant

No**Target/Specificity**

Trypsin

Application Notes

In water or aqueous buffer

Format

Lyophilized

Storage

-20°C; Lyophilized from 2 mM HCl.

Trypsin, Human Pancreas recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Trypsin, Human Pancreas recombinant protein - Images

Trypsin, Human Pancreas recombinant protein - Background

Trypsin hydrolyzes peptides, amides, and ester bonds involving the carboxyl groups of L-arginine or L-lysine. Increased serum values of this enzyme and/or its zymogen (trypsinogen) have been found in patients with cystic fibrosis. Trypsinogen has three isoforms: cationic (trypsinogen 1), anionic (trypsinogen 2, MW - 22.5 kDa), and mesotrypsinogen (trypsinogen 3, MW - 25 kDa). The trypsin available from BioVision is the cationic form.

Trypsin, Human Pancreas recombinant protein - References

Emi M.,et al.Gene 41:305-310(1986).
Rowen L.,et al.Science 272:1755-1762(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 424:157-164(2003).
Scherer S.W.,et al.Science 300:767-772(2003).