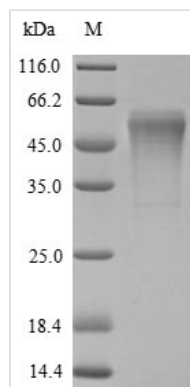




Recombinant Rat Trypsin-4 (Try4)

Product Code	CSB-YP319450RAa4
Relevance	Preferential cleavage: Arg- -Xaa, Lys- -Xaa.
Abbreviation	Recombinant Rat Try4 protein
Storage	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.
Uniprot No.	P12788
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	IVGGYTCPKHLVPYQVSLHDGISHQCGGSLISDQWVLSAAHCYKRKLQVRLGE HNIHVLEGGEQFIDAEKIIRHPEYNKDTLDNDIMLIKSPAVLNSQVSTVSLPRS CASTDAQCLVSGWGNTVSIGGKYPALLQCLEAPVLSASSCKKSYPGQITSNMF CLGFLEGGKDSCDGDGGPVVCNGEIQGIVSWGVCAMRGKPGVYTKVCNY LSWIQETMANN
Research Area	Cell Biology
Source	Yeast
Target Names	Try4
Protein Names	Pretrypsinogen IV Trypsin IV
Expression Region	24-247aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-sumostar-tagged
Mol. Weight	40.1 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

Boost your research in the field of Cell Biology with our Recombinant Rat Try4, also known as Trypsin-4. Synthesized in yeast, this protein mirrors the mature form in its entirety, from the 24th to the 247th amino acid. This precise composition makes it an excellent tool for further understanding various cellular processes.

Equipped with an innovative N-terminal 6xHis-sumostar tag, this version of Try4 facilitates seamless purification and easy detection in your experimental workflow. With a purity of over 85% as established by SDS-PAGE, the quality is ensured. The product comes in two forms - liquid or lyophilized powder, granting flexibility in storage and use. Elevate your scientific exploration with our top-tier Recombinant Rat Try4 today.

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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.