Datasheet for ABIN7584027

Cathepsin D Protein (CTSD) (AA 65-407) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	Cathepsin D (CTSD)
Protein Characteristics:	AA 65-407
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cathepsin D protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EPVSEL LKNYLDAQYY GEIGIGTPPQ CFTVVFDTGS SNLWVPSIHC KLLDIACWVH HKYNSDKSST YVKNGTSFDI HYGSGSLSGY LSQDTVSVPC KSDLGGIKVE KQIFGEATKQ PGVVFIAAKF DGILGMGYPF ISVNKVLPVF DNLMKQKLVE KNIFSFYLNR DPTGQPGGEL MLGGTDSRYY HGELSYLNVT RKAYWQVHMD QLEVGSELTL CKGGCEAIVD TGTSLLVGPV DEVKELQKAI GAVPLIQGEY MIPCEKVSSL PIITFKLGGQ NYELHPEKYI LKVSQAGKTI CLSGFMGMDI PPPSGPLWIL GDVFIGCYYT VFDREYNRVG FAKAATL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Cathepsin D (CTSD)
Abstract:	CTSD Products
Background:	Recommended name: Cathepsin D. EC= 3.4.23.5 Cleaved into the following 4 chains: 1. Cathepsin D 12 kDa light chain 2. Cathepsin D 9 kDa light chain 3. Cathepsin D 34 kDa heavy chain 4. Cathepsin D 30 kDa heavy chain
UniProt:	P24268
Pathways:	Peptide Hormone Metabolism

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.