

Product datasheet

Recombinant Human Cathepsin G protein ab158234

1 Image

Description

Product name	Recombinant Human Cathepsin G protein	
Expression system	Wheat germ	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	GWGRVSMRRGTDLREVQLRVQRDRQCLRIFGSYDPRR QICVGDRRERKA AFKGDSSGPLLNNVAHGMSYGKSSGVPPEVFTRVSSF LPWIRTTMRSF KLLDQMETPL	
Amino acids	146 to 255	
Tags	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158234** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	Western blot
Form	Liquid

Additional notes

Preparation and Storage

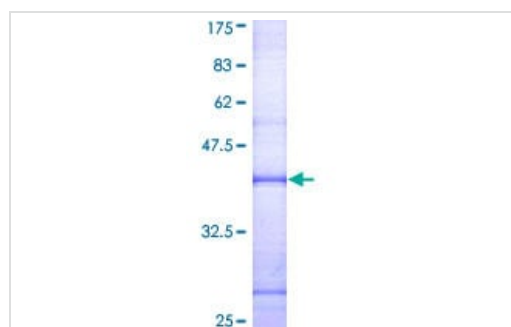
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

General info

Function	Serine protease with trypsin- and chymotrypsin-like specificity. Cleaves complement C3. Has antibacterial activity against the Gram-negative bacterium <i>P.aeruginosa</i> , antibacterial activity is inhibited by LPS from <i>P.aeruginosa</i> , Z-Gly-Leu-Phe-CH ₂ Cl and phenylmethylsulfonyl fluoride.
Sequence similarities	Belongs to the peptidase S1 family. Contains 1 peptidase S1 domain.
Cellular localization	Cell surface.

Images



ab158234 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Cathepsin G protein (ab158234)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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