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Cathepsin G, Human Neutrophil recombinant protein

Cathepsin G
Catalog # PBV10370r

Specification

Cathepsin G, Human Neutrophil recombinant protein - Product info

Primary Accession	P08311
Calculated MW	23.5 kDa KDa

Cathepsin G, Human Neutrophil recombinant protein - Additional Info

Gene ID	1511
Gene Symbol	CTSG
Other Names	
Cathepsin G, CTSG	
Source	Human Neutrophil
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	No
Application Notes	
Deionized H_2O	

Format
Lyophilized protein

Storage
-20°C; Salt- free lyophilized solid

Cathepsin G, Human Neutrophil 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 Cytomety
- Cell Culture

Cathepsin G, Human Neutrophil recombinant protein - Images

Cathepsin G, Human Neutrophil recombinant protein - Background

Cathepsin G is a serine protease secreted by activated neutrophils that play a role in the inflammatory response. This enzyme degrades collagen and proteoglycan and can also cause the release of angiotensin II from angiotensin I or angiotensinogen. It has been implicated in connective

tissue diseases such as emphysema and rheumatoid arthritis.

Cathepsin G, Human Neutrophil recombinant protein - References

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Hohn P.A.,et al.J. Biol. Chem. 264:13412-13419(1989).
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Avril L.E.,et al.FEBS Lett. 345:81-86(1994).