

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 H₂O

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 Cytometry](#)
- [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

Salvesen G.,et al.Biochemistry 26:2289-2293(1987).
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).