



[Go to Product page](#)

Datasheet for ABIN5854208
MMP7 Protein (AA 95-267)

1 Image

Overview

| | |
|--------------------------|----------------------------|
| Quantity: | 100 µg |
| Target: | MMP7 |
| Protein Characteristics: | AA 95-267 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence: | MYSLFPNSPK WTSKVVTYRI VSYTRDLPHI TVDRLVSKAL NMWGKEIPLH FRKVVWGTD IMIGFARGAH GDSYPFDGPG NTLAHAFAPG TGLGGDAHFD EDERWTDGSS LGINFLYAAT HELGHSLGMG HSSDPNAVMI PTYGNQDPQN FKLSQDDIKG IQKLYGKRSN SRKK |
| Purity: | > 90 % by SDS - PAGE |

Target Details

| | |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | MMP7 |
| Alternative Name: | MMP7 (MMP7 Products) |
| Background: | MMP7 also known as Matrilysin. MMP7 belongs to the matrix metalloproteinase (MMP) family, which are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. MMP7 protein enhanced the phosphorylation of |

Target Details

p38 and ERK mitogen-activated protein kinases. MMP7 has directly functional target of miR-148a, participating in cell invasion. Recombinant human MMP7 was expressed in E.coli.

Molecular Weight: 19.2kDa (174aa)

NCBI Accession: [NP_002414](#)

UniProt: [P09237](#)

Pathways: [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

Format: Liquid

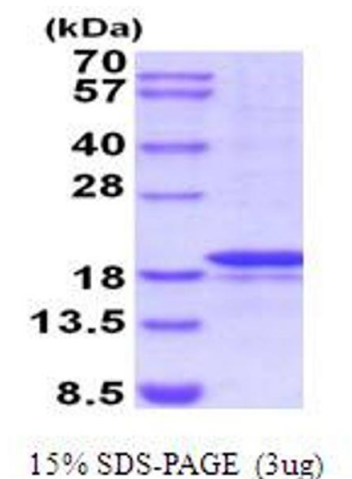
Concentration: 1 mg/mL

Buffer: Liquid. In 20 mM Tris 8.0 containing 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



SDS-PAGE

Image 1.