

Product datasheet for **AR51363PU-S**

MMP-8 (His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MMP-8 (His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGS LTPGNPK WERTNLTYRI RNYTPQLSEA EVERAIKDFA ELWSVASPLI FTRISQGEAD INIAFYQRDH GDN S PFDGPN GILAHAFQPG QGIGGDAHFD AEETWTNTSA NYNLFVAAH EFGHSLGLAH SSDPGALMYP NYAFRETSNY SLPQDDIDGI QAIYGLSSNP IQPTGPSTPK PCDPSLTFDA ITTLRGEILF FKDRYFWRRH PQLQRVEMNF ISLFWPSLPT GIQAAYEDFD RDLIFLFKGN QYWALSGYDI LQGYPKDISN YGFPSSVQAI DAAVFYRSKT YFFVNDQFWR YDNQRQFM EP GYPKISGAF PGIESKVD AV FQQEHHFHV F SGPRYYAFDL IAQRVTRVAR GNKWLNCRYG
Tag:	His-tag
Predicted MW:	44.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MMP8 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001291370
Locus ID:	4317
UniProt ID:	P22894 , B4E0I2
Cytogenetics:	11q22.2
Synonyms:	CLG1; HNC; MMP-8; PMNL-CL



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Summary:

This gene encodes a member of the matrix metalloproteinase (MMP) family of proteins. These proteins are involved in the breakdown of extracellular matrix in embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Proteolysis at different sites on this protein results in multiple active forms of the enzyme with distinct N-termini. This protein functions in the degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

Protein Families:

Druggable Genome, Protease

Product images: