

Product datasheet for **TP726902**

Calprotectin (S100A8) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human S100 Calcium Binding Protein A8/S100A8/Mrp8 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Glu93
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mMHEPES,150mMNacl,2.5mMEDTA,10% Glycerol,pH7.0.
Note:	Recombinant Human S100 Calcium Binding Protein A8 is produced by our E.coli expression system and the target gene encoding Met1-Glu93 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	6279
UniProt ID:	P05109
Summary:	Protein S100-A8 (also MRP8 and calgranulin A) is a calcium- and zinc-binding protein.It plays a prominent role in the regulation of inflammatory processes and immune response. S100A8 can induce neutrophil chemotaxis and adhesion. Its role as an oxidant scavenger has a protective role in preventing exaggerated tissue damage by scavenging oxidants. It can act as a potent amplifier of inflammation in autoimmunity as well as in cancer development and tumor spread.



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