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Product Datasheet

Recombinant Human S100A9 EBT-EPT098

Article Name	Recombinant Human S100A9
Biozol Catalog Number	EBT-EPT098
Supplier Catalog Number	EPT098
Alternative Catalog Number	EBT-EPT098-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human S100 Calcium Binding Protein A9 is produced by our E.coli expression system and the target gene encoding Thr2-Pro114 is expressed....
Molecular Weight	Molecular weight: 13.2 KDa. Apparent molecular weight: 14 KDa, reducing conditions
UniProt	P06702
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Protein S100-A9 (also MRP14 and calgranulin B) is a calcium- and zinc-binding protein which plays a prominent role in the regulation of inflammatory processes and immune response. It can induce neutrophil chemotaxis, adhesion, can increase the bactericidal activity of neutrophils by promoting phagocytosis via activation of SYK, PI3K/AKT, and ERK1/2 and can induce degranulation of neutrophils by a MAPK-dependent mechanism