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Product Datasheet

Recombinant Mouse SAP (C-6His) EBT-EPT196

Article Name	Recombinant Mouse SAP (C-6His)
Biozol Catalog Number	EBT-EPT196
Supplier Catalog Number	EPT196
Alternative Catalog Number	EBT-EPT196-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Serum Amyloid P Component is produced by our Mammalian expression system and the target gene encoding Gln21-Asp224 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 24.9 KDa. Apparent molecular weight: 28-32 KDa, reducing conditions
UniProt	P12246
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.
Background: Pentraxin 2 (PTX2), also known as Serum amyloid P (SAP), is a highly conserved, naturally circulating plasma protein and a soluble pattern recognition receptor of the innate immune system. The unique binding activities indicated that it may play an important role in the removal of damaged tissue. PTX2 belongs to the pentraxin family, is universally present in amyloid deposits. Mouse with targeted deletion of the PTX2 gene shows retarded and reduced induction of experimental reactive systemic (AA type) amyloidosis confirmed that it does indeed contribute to pathogenesis of amyloidosis and is a valid therapeutic target. In recent discovery, PTX2 can be used as a powerful antifibrotic agent to regulate certain monocyte differentiation states