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Product Datasheet

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

Artikelname	Recombinant Mouse SAP (C-6His)
Artikelnummer	EBT-EPT196
Hersteller Artikelnummer	EPT196
Alternativnummer	EBT-EPT196-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	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....
Molekulargewicht	Molecular weight: 24.9 KDa. Apparent molecular weight: 28-32 KDa, reducing conditions
UniProt	P12246
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung	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
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