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Product datasheet for TP720423L

Serum Amyloid P (APCS) (NM_001639) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human amyloid P component, serum (APCS)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	His20-Val223
Tag:	C-His
Predicted MW:	24.2 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001630
Locus ID:	325
UniProt ID:	P02743, V9HWP0
RefSeq Size:	960
Cytogenetics:	1q23.2
RefSeq ORF:	669
Synonyms:	HEL-S-92n; PTX2; SAP

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Summary: The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable sequence homology which is thought to be the result of gene duplication. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo. [provided by RefSeq, Sep 2008]

Protein Families: Druggable Genome, Secreted Protein