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## Product Data Sheet

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Product Name: PTX2 Mouse  
 Cat. No.: GP24271  
 Batch No.: 1

### Product Data

Purity	>98%	Source	HEK293.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Serum amyloid P-component; SAP; Apcs; Sap; Ptx2.		
Amino Acid Sequence	QTDLKRKVFV FPRESETDHV KLIPHLEKPL QNFTLCFRTY SDLSRSQSLF SYSVKGRDNE LLIYKEKVG E YSLYIGQSKV TVRGMEEYLS PVHLCTTWES SSGIVEFWVN GKPWVKKSLQ REYTVKAPPS IVLGQEQDNY GGGFQRSQSF VGEFSDLYMW DYVLTPQDIL FVYRDSPVNP NILNWQALNY EINGYVVIRP RVWDHHHHHH.		
Formulation	PTX2 protein solution (0.25mg/ml) contains 10% glycerol in Phosphate Buffered Saline (pH 7.4).		

### Introduction

PTX-2 or Pentraxin-2 is a phylogenetically conserved protein, commonly moving with homopentameric blood protein or with a protein that recognizes receptors of the innate immune system. The protein's specific binding abilities may show that PTX-2 is specially bound in sites where injury accrued, therefore helps to eliminate damaged tissue by ways that are not phlogistics.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

PTX2 Mouse Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 210 amino acids (21-224 a.a) and having a molecular mass of 24.6kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). PTX2

**Caution: Product has not been fully validated for medical applications. For research use only.**

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is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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