

## 32-13370: PTX2 Mouse

**Alternative Name :** Serum amyloid P-component, SAP, Apcs, Sap, Ptx2.

### Description

Source: HEK293.

Sterile Filtered clear solution.

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.

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

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** PTX2 protein solution (0.25mg/ml) contains 10% glycerol in Phosphate Buffered Saline (pH 7.4).

**Storage condition :** 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.

**Amino Acid :** QTDLKRKVFV FPRESETDHV KLIPHLEKPL QNFTLCFRTY SDLSRSQSLF SYSVKGRDNE LLIYKEKVGE  
YSLYIGQSKV TVRGMEEYLS PVHLCCTTWES SSGIVEFWVN GKPWVKKSLQ REYTVKAPPS IVLGQEQDNY  
GGGFQRSQSF VGEFSDLYMW DYVLTPQDIL FVYRDSPVNP NILNWQALNY EINGYVVIRP  
RVWDHHHHHH.