

Pentraxin 3, Long (PTX3) Recombinant Protein | PTX3 recombinant protein

Recombinant Pentraxin 3, Long (PTX3)

CATALOG # AAA134773	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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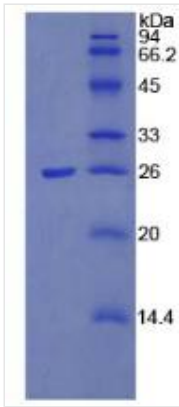
PRODUCT SYNONYMS

Pentraxin 3; Long (PTX3); Recombinant Pentraxin 3; PTX3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-IF FPMRSKKIFG SVHPVRPMKL ESFSTCIWVK ATDVLNKTIL FSYGTKWNPY EIQLYLSSQS LVLVVGKKN KLAADTVVSL GRWSHLCGTW SSEQGMSLW ANGELVATTV EMAKSHSVPE GGLLQIGQEK NGCCVGGGFD ESLAFSGRIT GFNIWDRVLS EEEIRASGGV ESCHIRGNVV GWGVTEIQAQ GGAQYVS
Sequence Length	381
Applicable Applications for PTX3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Ile183~Ser381 (Accession # P48759) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

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PMKLESFSTC IWKATDVLN KTILFSYGTK WNPYEIQLYL SSQSLVLVVG
GKENKLAADT VVSLGRHSHL CGTWSSEQGS MSLWANGELV ATTVEMAKSH
SVPEGGLLIQ GQEKNGCCVG GGFDESFAFS GRITGFNIWD RVLSEEEIRA
SGGVESCHIR GNVVGVGVTE IQAHGGAQYV S
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SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	113930726
NCBI GeneID	19288
NCBI Accession #	NP_033013.3
NCBI GenBank Nucleotide #	NM_008987.3
UniProt Accession #	P48759; Q8VDF1
Molecular Weight	25.5kDa
NCBI Official Full Name	pentraxin-related protein PTX3
NCBI Official Synonym Full Names	pentraxin related gene
NCBI Official Symbol	Ptx3
NCBI Official Synonym Symbols	TSG-14; AI607804
NCBI Protein Information	pentraxin-related protein PTX3; pentraxin 3; pentaxin related; pentaxin-related protein PTX3; tumor necrosis factor-inducible gene 14 protein
UniProt Protein Name	Pentraxin-related protein PTX3
UniProt Gene Name	Ptx3
UniProt Synonym Gene Names	Tsg14; TSG-14
UniProt Entry Name	PTX3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.