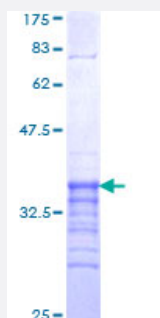


# RFXAP (Human) Recombinant Protein (Q01)

Catalog # H00005994-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human RFXAP partial ORF ( NP_000529, 179 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	SDQALNCGGTASTGSAGNVKLEESADNLSIVKQRTGSFGDRPARPTLLEQVLNQKRLSLLRSPEV
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	33
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — RFXAP

Entrez GeneID [5994](#)

GeneBank Accession# [NM\\_000538](#)

Protein Accession# [NP\\_000529](#)

Gene Name RFXAP

Gene Alias -

Gene Description regulatory factor X-associated protein

Omim ID [209920 601861](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. The protein encoded by this gene, along with regulatory factor X-associated ankyrin-containing protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group D. Transcript variants utilizing different polyA signals have been found for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000018260|RFX DNA-binding complex 36 kDa subunit|RFX-associated protein

## Pathway

- [Antigen processing and presentation](#)
- [Primary immunodeficiency](#)