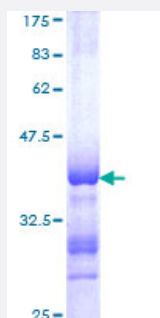


# RFX1 (Human) Recombinant Protein (Q01)

Catalog # H00005989-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human RFX1 partial ORF ( NP_002909, 502 a.a. - 600 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	SKYHYGLRIKASSPLLRLMEDQQHMAMRGQPFSQKQRLKPIQKMEGMTNGVAVGQQPSTGLSD ISAVQQYQQFLDASRLPDFTELDLQGKVLPEGV
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.63
<b>Interspecies Antigen Sequence</b>	Rat (96)
<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 — RFX1

Entrez GeneID [5989](#)

GeneBank Accession# [NM\\_002918](#)

Protein Accession# [NP\\_002909](#)

Gene Name RFX1

Gene Alias EF-C

Gene Description regulatory factor X, 1 (influences HLA class II expression)

Omim ID [600006](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is a member of the regulatory factor X gene family, which encodes transcription factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X2, X3, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with RFX family members X2, X3, and X5, but not with X4. This protein binds to the X-boxes of MHC class II genes and is essential for their expression. Also, it can bind to an inverted repeat that is required for expression of hepatitis B virus genes. [provided by RefSeq]

**Other Designations** MHC class II regulatory factor RFX|enhancer factor C|regulatory factor X1|trans-acting regulatory factor 1