

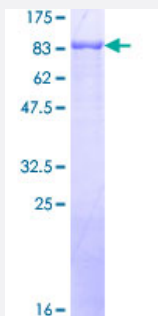
Full-Length

RFX4 (Human) Recombinant Protein (P01)

Catalog # H00005992-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RFX4 full-length ORF (AAH30644.1, 1 a.a. - 641 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNWAAFGGSEFFIPEGIQIDSRCLSRNITEWYHYGGIAVKESSQYYDVMYSKKGAAWVSETGKKE
VSKQTVAYSPRSKLGTLPEFPNVKDLNLPASLPEEKVSTFIMMYRTHCQRILDTVIRANFDEVQS
FLLHFWQGMPPHMLPVLGSSTVVNVGVCDSILYKAISGVLMPVLQALPDSLTVIRKFAKQLDE
WLKVALHDLPENLRNIKFELSRRFSQILRRQTSLNHLCCASRTVIHSADITFQMLEDWNRVDLNSIT
KQTLTYMEDSRDEHRKLITQLYQEFDHLLLEEQSPIESYIEWLDTMVDRCVVKVAAKRQGSLLKVA
QQFLLMWSCFGTRVIRDMTLHSAPSFSGFHLIHLMFDDYVLYLLESLHCQERANELMRAMKGEGS
TAEVREEIILTEAAAPTSPVPSPFSPAKSATSVEVPPPSPVSNPSPEYTGSLTTGAMQSYTWSLT
YTVTTAAGSPAENSQQLPCLRNTNHPSSSVTHRIPVYPHREEHGYTGSYNYGSYGNQHPHPMQS
QYPALPHDTAISGPLHYAPYHRSSAQYPFNSPTSRMEPCLMSSTPRLHPTPVTPRWPEVPSANTC
YTSPSVHSARYGNSSDMYTPLTTRRNSEYEHMQHFPGFAYINGEASTGWAK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

96.14

Interspecies Antigen Sequence

Mouse (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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 — RFX4

Entrez GeneID	5992
GeneBank Accession#	BC030644
Protein Accession#	AAH30644.1
Gene Name	RFX4
Gene Alias	NYD-SP10
Gene Description	regulatory factor X, 4 (influences HLA class II expression)
Omim ID	603958
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 X1, X2, X3, and X5. It has been shown to interact with itself as well as with regulatory factors X2 and X3, but it does not interact with regulatory factor X1. This protein may be a transcriptional repressor rather than a transcriptional activator. Three transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]
Other Designations	regulatory factor X4 regulatory factor X4, isoform c transcription factor NYD-sp10

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)