

RFX4 mouse monoclonal antibody (hybridoma)

Catalog # H00005992-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant RFX4.
Immunogen	RFX4 (NP_115880.2, 1 a.a. ~ 641 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNWAAFGGSEFFIPEGIQIDSRCLSRNITEWYHYGIAVKESSQYYDVMYSKKGAAWVSETGKKE VSKQTVAYSPRSKLGTLLEFPNVKDLNLPASLP EEKVSTFIMMYRTHCQRILDTVIRANFDEVQS FLLHFWQGMPPHMLPVLGSSTVNVGVCD SILYKAISGVLMP TVLQALPDSL TQVIRKFAKQLDE WLKVALHDL PENLRNIKFELSRRFSQILRRQTS LNHL CQASRTVIHSADITFQ MLEDWRNVDLNSIT KQTLTYMEDSRDEHRKLITQLYQEFDHLL EEQSPIESYIEWLDTMVDRCVVKVAAKRQGS LKKVA QQFLLMWSCFGTRVIRDMTLHSAPSF GSFHLIHLMFDDYVLYLLES LHCQERANELMRAMKGE GS TAEVREEIILTEAAAPTPSPVPSFSPAKSATSVEVPPPSSPVSNPSPEY TGLSTTGAMQSYTWSLT YTVTTAAGSPAENSQQLP CMRNTHVPSSSVTHRIPVYPHREEHGYTGSYNYGSYGNQHPHPMQS QYPALPHDTAISGPLHYAPYHRSSAQYFNSPTSRMEPC LMSSTPRLHPTPVT PRWPEVPSANTC YTSPSVHSARYGNSSDMYTPLTTRNSEYEHMQHFPGFAYINGEASTGWAK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RFX4

Entrez GeneID [5992](#)

GeneBank Accession# [NM_032491.3](#)

Protein Accession# [NP_115880.2](#)

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](#)