

Recombinant Human RFXANK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RFXANK-857H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RFXANK MS Standard C13 and N15-labeled recombinant protein (NP_003712) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 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. This protein contains ankyrin repeats involved in protein-protein interactions. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group B. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Molecular Mass	28.1 kDa
AA Sequence	MELTQPAEDLIQTQQTPASELGDPEDPGEEAADGSDTVVLSLFPCTPEPVNPEPDA SVSSPQAGSSLKHSTTLNTRQRGNEVSALPATLDSLSIHLAQAQGELDQLKEHLRKG

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DNLVNKPDERGFTPLIWASAFGEIETVRFLLEWGADPHILAKERESALSLASTGGYTD
IVGLLLERDVDINIYDWNGGTPLLYAVRGNHVKVCVEALLARGADLTTEADSGYTPMD
LAVALGYRKVQQVIENHILKLFQSNLVPADPETRTRPLEQKLISEEDLAANDILDYKDD
DDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RFXANK regulatory factor X-associated ankyrin-containing protein [Homo sapiens (human)]

Official Symbol RFXANK

Synonyms RFXANK; regulatory factor X-associated ankyrin-containing protein; DNA-binding protein RFXANK; ANKRA1; ankyrin repeat containing regulatory factor X associated protein; BLS; DNA binding protein RFXANK; F14150_1; MGC138628; regulatory factor X subunit B; RFX B; RFX Bdelta4; RFX-Bdelta4; ankyrin repeat family A protein 1; ankyrin repeat-containing regulatory factor X-associated protein; RFX-B;

Gene ID 8625

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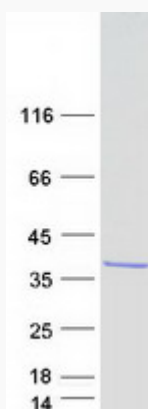
mRNA Refseq [NM_003721](#)

Protein Refseq [NP_003712](#)

MIM [603200](#)

UniProt ID [O14593](#)

SDS-PAGE



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