

Recombinant Mouse Nfx1 Protein, His-tagged

Cat. No. Nfx1-1824M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nfx1 Protein (His859-Asp1114) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His859-Asp1114
Description	Predicted to enable DNA-binding transcription repressor activity, RNA polymerase II-specific; RNA polymerase II transcription regulatory region sequence-specific DNA binding activity; and ubiquitin protein ligase activity. Acts upstream of or within negative regulation of MHC class II biosynthetic process and negative regulation of transcription by RNA polymerase II. Predicted to be located in cytosol; nuclear lumen; and plasma membrane. Predicted to be active in nucleus. Is expressed in several structures, including gut; hemolymphoid system gland; integumental system; male reproductive system; and urinary system. Orthologous to human NFX1 (nuclear transcription factor, X-box binding 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.4 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Nfx1 nuclear transcription factor, X-box binding 1 [Mus musculus (house mouse)]
Official Symbol	Nfx1
Synonyms	NFX1; nuclear transcription factor, X-box binding 1; transcriptional repressor NF-X1; m-Nfx.1; testis expressed gene 42; nuclear X box binding factor 1; nuclear transcription factor, X box-binding protein 1; NFX.1; Tex42; TEG-42; 1300017N15Rik; 3000003M19Rik;
Gene ID	74164
mRNA Refseq	NM_023739
Protein Refseq	NP_076228

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

B1AY10

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA