Recombinant Rat Rbfox1 protein, His & T7-tagged

Cat. No. Rbfox1-7118R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Rbfox1 aa. (Asp149~Ser399 (Accession # D3ZSL1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp149~Ser399
Description	The Fox-1 family of RNA-binding proteins is evolutionarily conserved, and regulates tissue-specific alternative splicing in metazoa. Fox-1 recognizes a (U)GCAUG stretch in regulated exons or in flanking introns.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.8.
Applications	SDS-PAGE; WB; ELISA; IP.

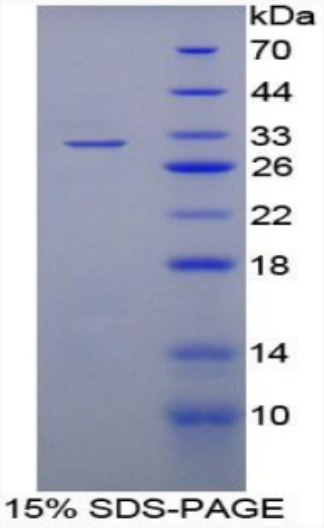
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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Rbfox1 RNA binding protein, fox-1 homolog 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Rbfox1
Synonyms	Rbfox1; RNA binding protein, fox-1 homolog 1; A2bp1; RNA binding protein fox-1 homolog 1; ataxin 2 binding protein 1; fox-1 homolog A
Gene ID	302920
mRNA Refseq	NM_001106974.2
Protein Refseq	NP_001100444.2
UniProt ID	D3ZSL1

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SDS-PAGE	

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