Recombinant Full Length Bovine Nuclear Factor Erythroid 2-Related Factor 1(Nfe2L1) Protein, His-Tagged

Cat. No. RFL16768BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Nuclear factor erythroid 2-related factor 1(NFE2L1) Protein (A5D7E9) (1-763aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length (1-763)
Form	Lyophilized powder
AA Sequence	MLSLKKYLTEGLLQFTILLSLIGVRVDVDTYLTSQLPPLREIILGPSSAYTQTQFHNLRN TLDGYGIHPKSIDLDNYFTARRLLNQVRALDRFQVPTTEVNAWLVHRDPEGSVSGS QPSSGLALESSSGLQDVTGPDNGVRESETEQGFSEDLEDLGAVAPPVSGDLTKEDI DLGAGREIFDYSHRQKEQDVDKELRDGAEQEDTWPGEGAEALARNLLVDGETGES FPAQVPGGEDQTALSLEECLRLLEATCPFGENAEFPADISSITEAVPSESEPPGLQN NLLSPLLTGTESPFDLEQQWQDLMSIMEMQAMEVNTSTSEVLYNAPPGDPLSTNYS LAPNTPINQNVSLHQASLGGCSQDFSLFSPEVESLPVASSSTLLPLVPSNSTSLNSTF GSTNLAGLFFPPQLNGTANDTAGPELPDPLGGLLDEAMLDEISLMDLAIEEGFNPVQ ASQLEEEFDSDSGLSLDSSHSPSSLSSSEGSSSSSSSSSSSSSSSASSSASSSFSE EGAVGYSSDSETLDLEEAEGAVGYQPEYSKFCRMSYQDPSQLSCLPYLEHVGHNH TYNMAPSALDSADLPPPSTLKKGSKEKQADFLDKQMSRDEHRARAMKIPFTNDKIIN LPVEEFNELLSKYQLSEAQLSLIRDIRRRGKNKMAAQNCRKRKLDTILNLERDVEDLQ

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	RDKARLLREKVEFLRSLRQMKQKVQSLYQEVFGRLRDENGRPYSPSQYALQYAGD GSVLLIPRTLADQQARRQERKPKDRRK
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	NFE2L1
Synonyms	NFE2L1; NRF1; Endoplasmic reticulum membrane sensor NFE2L1; Nuclear factor erythroid 2-related factor 1; NF-E2-related factor 1; NFE2-related factor 1; Nuclear factor, erythroid derived 2, like 1
UniProt ID	A5D7E9

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