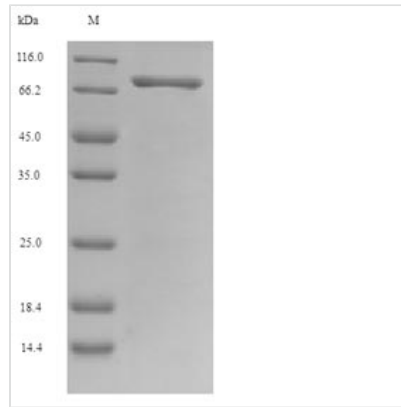




# Recombinant Mouse Nuclear respiratory factor 1(Nrf1)

<b>Product Code</b>	CSB-EP016076MO
<b>Relevance</b>	Transcription factor that activates the expression of the EIF2S1 (EIF2-alpha) gene. Links the transcriptional modulation of key metabolic genes to cellular growth and development. Implicated in the control of nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9WU00
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Alias</b>	Nuclear respiratory factor 1 Short name: NRF-1 Alternative name(s): Alpha palindromic-binding protein Short name: Alpha-pal
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MEEHGVTQTEHMATIEAHAVAQQVQVHVATYTEHSMLSADEDSPSSPEDTS YDDSDILNSTAADEVTAHLAAAGPVGMAAAAATGKKRKRPHVFESNPSIRK RQQTRLLRKLRLATLDEYTTTRVGGQQAIVLCISPSKPNPVFKVFGAAPLENNVRKY KSMILEDLESALAEHAPAPQEVNSELPLTIDGIPVSVDKMTQAQLRAFIPEMLK YSTGRGKPGWGKESCKPIWWPEDIPWANVRSDVRTEEKQQRVSWTQALRTI VKNCYKQHGREDLLYAFEDQQTQTQATTTTHSIAHLVPSQTVVQTFSPDGTV SLIQVGTGATVATLADASELPTTVTVAQVNYSAVADGEVEQNWATLQGGEMTI QTTQASEATQAVASLAEAAVAASQEMQQGATVTMALNSEAAAHAVATLAEAT LQGGGQIVLSGETAAAVGALTGVQDANGLVQIPVSMYQTVVTSLAQGNPQVQ VAMAPVTTTRISDSAVTMDGQAVEVVTLEQ
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	E.coli
<b>Gene Names</b>	Nrf1
<b>Expression Region</b>	1-503aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	69.6kDa
<b>Protein Description</b>	Full Length

**Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.