

Recombinant Human NRF1 protein ab132404

1 References 1 Image

Description

Product name	Recombinant Human NRF1 protein
Expression system	Wheat germ
Accession	<u>Q96AN2</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	

MEEHGVQTQTEHMTIEAHAVAQQVQQVHVATYTEHSMLS
ADEDSPSSPED
TSYDDSDILNSTAADEVTAHLAAAGPVGMAAAAATGK
KRKRPHVFESN
PSIRKRQQTRLLRKLRLATLDEYTTRVGQQAVLCISPSKPNP
VFKVFGAA
PLENVVRKYKSMILEDLESALAEHAPAPQEVNSELPLTID
GIPVSVDKM
TQAQLRAFIPEMLKYSTGRGKPGWGKESCKPIWWPEDIP
WANVRSDVRTE
EQKQRVSWTQALRTVKNCYKQHGRELLYAFEDQQQTQT
QATATHSIAHL
VPSQTVVQTFSPNDGTVSLIQVGTGATVATLADASELPTT
VTVAQVNYS
VADGEVEQNWATLQGGEMTIQTTQASEATQAVASLAEAA
VAASQEMQQGA
TVTMALNSEAAAAHAVATLAEATLQGGGQVLSGETAAAVG
ALTGVQDANG
LFMADRAGRKWILTDKATGLVQIPVSMYQTVVTSLAQGNG
PVQVAMAPVT TRISDSAVTMDGQAVEVVTLEQ

Predicted molecular weight	82 kDa including tags
Amino acids	1 to 522
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab132404** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	Western blot
	ELISA
Form	Liquid

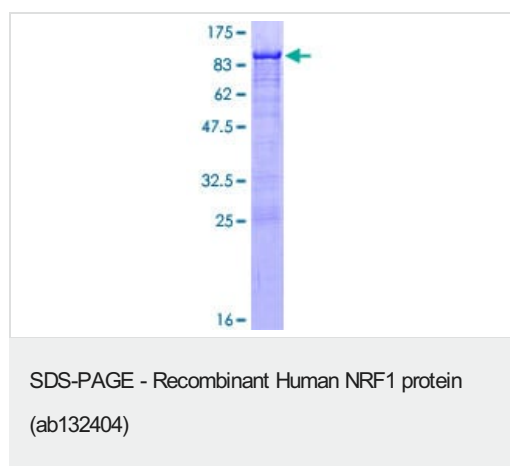
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	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.
Tissue specificity	Ubiquitously expressed with strongest expression in skeletal muscle.
Sequence similarities	Belongs to the NRF1/Ewg family.
Post-translational modifications	Phosphorylation enhances DNA binding.
Cellular localization	Nucleus.

Images



12.5% SDS-PAGE analysis of ab132404 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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