

NRF2 recombinant protein

NRF2, 1-605aa, Human, His tag, E Coli

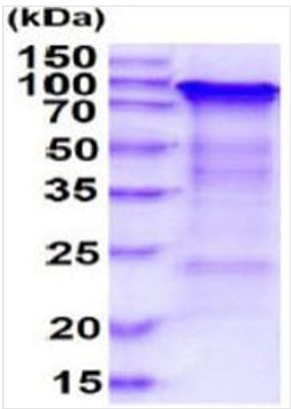
CATALOG # AAA11828	HOST E Coli	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

NRF2; 1-605aa; Human; His tag; E Coli; Nuclear factor (erythroid-derived 2)-like 2; NFE2L2; NRF2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In phosphate buffer saline (pH 7.4) containing 10% glycerol
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MMDLELPP PGLPSQQDMD LIDILWRQDI DLGVSREVFDFSQRRKEYEL EKQKKLEKER QEQLQKEQEK AFFAQLQLDE ETGEFLPIQP AQHIQSETSG SANYSQVAHI PKSDALYFDD CMQLLAQTFF FVDDNEVSSA TFQSLVPDIP GHIESPVFIA TNQAQSPETS VAQVAPVDLD GMQQDIEQVW EELLSIPELQ CLNIENDKLV ETTMVPSPEA KLTEVDNYHF YSSIPSMEKE VGNCSPHFLN AFEDSFSSIL STEDPNQLTV NSLNSDATVN TDFGDEFYSA FIAEPSISNS MPSPATLSHS LSELLNGPID VSDLSLCKAF NQNHPESTAE FNDSDSGISL NTSPSVASPE HVSVESSYGD TLLGLSDSEV EELDSAPGSV KQNGPKTPVH SSGDMVQPLS PSQGQSTHVH DAQCENTPEK ELPVSPGHRK TPFTKDKHSS RLEAHLTRDE LRAKALHIPF PVEKIINLPV VDFNEMMSKE QFNEAQLALI RDIRRRGKNK VAAQNCRKRK LENIVELEQD LDHLKDEKEK LLKEKGENDK SLHLLKKQLS TLYLEVFSML RDEDGKPYSP SEYSLQQTRD GNVFLVPKSK KPDVKKN
Sequence Length	382
Applicable Applications for NRF2 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-605aa
Preparation and Storage	Can be stored at 2 to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for NRF2 recombinant protein	Nuclear factor (erythroid-derived 2)-like 2, also known as NRF2, is bZIP transcription factors that heterodimerize with Maf proteins to bind Mare sequences. The NRF proteins also bind the antioxidant response element (ARE) and are implicated in the regulation of detoxification enzymes and the oxidative stress response. NRF2 is widely expressed and is thought to translocate to the nucleus after treatment with xenobiotics and antioxidants, which stimulate its release from its repressor protein, Keap1. Recombinant human NRF2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for NRF2 recombinant protein	Epigenetics
References	Huang H C., et al. (2000) Proc Natl Acad Sci uSA. 97: 12475-12480.; Tsai P Y., et al. (2012) Arthritis Rheum. 64: 232-242.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361440
NCBI GeneID	5866
NCBI Accession #	NP_006155.2
NCBI GenBank Nucleotide #	NM_013401.3
UniProt Accession #	Q16236; Q86V32; Q9P1Q8; Q8TBN0
Molecular Weight	69.9kDa (625aa)
NCBI Official Full Name	guanine nucleotide exchange factor for Rab-3A isoform 1
NCBI Official Synonym Full Names	RAB3A interacting protein like 1
NCBI Official Symbol	RAB3IL1
NCBI Official Synonym Symbols	GRAB
NCBI Protein Information	guanine nucleotide exchange factor for Rab-3A
UniProt Protein Name	Guanine nucleotide exchange factor for Rab-3A
UniProt Gene Name	RAB3IL1
UniProt Synonym Gene Names	Rab3A-interacting-like protein 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rab3il1-recombinant-protein-e-coli-sds-page/11828>