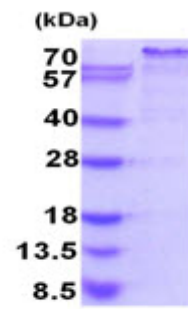


AR51768PU-N**Human RAB3IL1 (1-605, His-tag) - Purified**

Alternate names:	GRAB, Guanine nucleotide exchange factor for Rab-3A, Rab-3A-interacting-like protein 1, Rabin3-like 1
Quantity:	0.1 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q8TBN0
NCBI:	NP_037533
GeneID:	5866
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: Phosphate buffer saline (pH 7.4) containing 10% glycerol.
Description:	Recombinant human NRF2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MMDLELPPPG LPSQQDMDLI DILWRQDIDL GVSREVFDFG QRRKEYELEK QKKLEKERQE QLQKEQEKAF FAQLQLDEET GEFLPIQPAQ HIQSETSGSA NYSQVAHIPK SDALYFDDCM QLLAQTFPFV DDNEVSSATF QSLVPDIPGH IESPVFIATN QAQSPETSVA QVAPVDLDGM QQDIEQWEE LLSIPELQCL NIENDKLVET TMVPSPEAKL TEVDNYHFYS SIPSMEKEVG NCSPHFLNAF EDSFSSILST EDPNQLTVNS LNSDATVNTD FGDEFYSAFI AEPSISNSMP SPATLSHSLS ELLNGPIDVS DLSLCKAFNQ NHPESTAEFN DSDSGISLNT SPSVASPEHS VESSYGDTL LGLSDSEVEE LDSAPGSVKQ NGPKTPVHSS GDMVQPLSPS QGQSTHVHDA QCENTPEKEL PVSPGHRKTP FTKDKHSSRL EAHLTRDELK AKALHIPFPV EKI INLPVVD FNEMMSKEQF NEAQLALIRD IRRRGKNKVA AQNCRKRKLE NIVELEQLD HLKDEKEKLL KEKGENDKSL HLLKKQLSTL YLEVFSLMRD EDGKPYSPSE YSLQQTRDGN VFLVPKSKKP DVKKN Molecular weight: 69.9 kDa (625aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	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.

Pictures:



15% SDS-PAGE (3ug)