9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-13336: NFE2L2 Human

Alternative Name : NFE2L2, Nuclear factor erythroid 2-related factor 2, NF-E2-related factor 2, NFE2-related factor 2, HEBP1, Nuclear factor, erythroid derived 2, like 2, NRF2.

Description

Source: Escherichia Coli.
Sterile Filtered clear solution.
Nuclear factor (erythroid-derived 2)-like 2 (NRF2) is bZIP transcription factors which heterodimerize with Maf proteins to bind Mare sequences. In addition, the NRF proteins bind the antioxidant response element (ARE) and are associated with the regulation of detoxification enzymes and the oxidative stress response. NRF2 is extensively expressed and is assumed to translocate to the nucleus after treatment with xenobiotics and antioxidants, which stimulate its release from its repressor protein, Keap1.
NFE2L2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 625 amino acids (1-605 a.a) and having a molecular mass of 69.9kDa.NFE2L2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	NFE2L2 protein solution (0.25mg/ml) in Phosphate buffer saline (pH 7.4) containing 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MMDLELPPPG LPSQQDMDLI DILWRQDIDL GVSREVFDFS QRRKEYELEK QKKLEKERQE QLQKEQEKAF FAQLQLDEET GEFLPIQPAQ HIQSETSGSA NYSQVAHIPK SDALYFDDCM QLLAQTFPFV DDNEVSSATF QSLVPDIPGH IESPVFIATN QAQSPETSVA QVAPVDLDGM QQDIEQVWEE LLSIPELQCL NIENDKLVET TMVPSPEAKL TEVDNYHFYS SIPSMEKEVG NCSPHFLNAF EDSFSSILST EDPNQLTVNS LNSDATVNTD FGDEFYSAFI AEPSISNSMP SPATLSHSLS ELLNGPIDVS DLSLCKAFNQ NHPESTAEFN DSDSGISLNT SPSVASPEHS VESSSYGDTL LGLSDSEVEE LDSAPGSVKQ NGPKTPVHSS GDMVQPLSPS QGQSTHVHDA QCENTPEKEL PVSPGHRKTP FTKDKHSSRL EAHLTRDELR AKALHIPFPV EKIINLPVVD FNEMMSKEQF NEAQLALIRD IRRRGKNKVA AQNCRKRKLE NIVELEQDLD HLKDEKEKLL KEKGENDKSL HLLKKQLSTL YLEVFSMLRD EDGKPYSPSE YSLQQTRDGN VFLVPKSKKP DVKKN.

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