

Recombinant Human NFE2L3 Protein, His-tagged

Cat. No. NFE2L3-187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NFE2L3 Protein(NP_004280)(347-694 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	347-694 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	SHTTNPEQTLPGTNLTGFLSPVDNHRNLT SQDLLYDLINIFDEINLMSLATEDNFD PIDVSQLFDEPDSDSGLSLDSSHNTSVIKSNSSHSVCDEGAIGYCTDHESSSHDL EGAVGGYYPEPSKLCHLDQSDSDFHGD LTFQHVFHNHTYHLQPTAPESTSEFPFW PGKSQKIRSRYLETDRNLSRDEQRAKALHIPFSVDEIVGMPVDSFNSMLSRYYLTD LQVSLIRDIRRRGKNKVA AQNCRKRKLDIILNLEDDVCNLQAKKETLKREQAQCNKAI NIMKQKLHDLYHDIFSRLRDDQGRPVPNPNH YALQCTHDGSILIVPKELVASGHKKET QKGK RK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).
 If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).
 Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name NFE2L3 nuclear factor (erythroid-derived 2)-like 3 [Homo sapiens]

Official Symbol NFE2L3

Synonyms NFE2L3; nuclear factor (erythroid-derived 2)-like 3; nuclear factor erythroid 2-related factor 3; Nrf3; NFE2-related factor 3; NF-E2-related factor 3; nuclear factor, erythroid derived 2, like 3; nuclear factor-erythroid 2-related factor 3; nuclear factor-erythroid 2 p45-related factor 3; NRF3;

Gene ID 9603

mRNA Refseq NM_004289

Protein Refseq NP_004280

MIM 604135

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UniProt ID

Q9Y4A8

SDS-PAGE

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