

Recombinant Human NF45 protein, His-tagged

Cat. No. NF45-3317H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NF45 protein(1-390 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-390 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MRGDRGRGRGGFRFGSRGGPGGGFRPFVPHIPDFYLCEMAFPRVKPAPDETSFSE ALLKRNQDLAPNSAEQASILSLVTKINNVIDNLIVAPGTFEVQIEEVQVGSYKKGTM TGHNVADLVVILKILPTLEAVAALGNKVVESLRAQDPSEVLTMLTNETGFESSSDATV KILITTVPPNLRKLDPELHLDIKVLQSALAAIRHARWFEENASQSTVKVLIRLLKDLRIR FPGFEPLTPWILDLLGHYAVMNNPTRQPLALNVAYRRCLQILAAGLFLPGSVGITDPC ESGNFRVHTVMTLEQQDMVCYTAQTLVRILSHGGFRKILGQEGDASYLASEISTWD GVIVTPSEKAYEKPPEKKEGEEEEENTEEPPQGEEEEESMETQE
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.

GENE INFORMATION

Gene Name ILF2 interleukin enhancer binding factor 2 [Homo sapiens (human)]

Official Symbol NF45

Synonyms

ILF2; NF45; PRO3063; interleukin enhancer binding factor 2; interleukin enhancer-binding factor 2; interleukin enhancer binding factor 2, 45kD; nuclear factor of activated T-cells, 45-kDa; interleukin enhancer binding factor 2, 45kDa

Gene ID 3608

mRNA Refseq NM_001267809

Protein Refseq NP_001254738

MIM 603181

UniProt ID Q12905

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