

NFU1 Human Recombinant

Item Number	rAP-4241
Synonyms	CGI-33, HIRIP, HIRIP5, MMDS1, Nfu, NifU, NIFUC, NFU1 iron-sulfur cluster scaffold homolog, mitochondrial, HIRA-interacting protein 5.
Description	NFU1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 268 amino acids (10-254 a.a) and having a molecular mass of 29.9kDa.NFU1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9UMS0
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MSGGAAAVAA GLRRRFCHML KNPYTIKKQP LHQFVQRPLF PLPAAFYHPV RYMFIQTQDT PNPNSLKFIK GKPVLETRTM DFPTPAAAFR SPLARQLFRI EGVKSVFFGP DFITVTKENE ELDWNLLKPD IYATIMDFFA SGLPLVTEET PSGEAGSEED DEVVAMIKEL LDTRIRPTVQ EDGGDVIYKG FEDGIVQLKL QGSCTSCPSS IITLKNGIQN MLQFYIPEVE GVEQVMDES DEKEANSP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	NFU1 protein solution (0.5mg/ml) containing Phosphate buffer saline (pH 7.4), 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**