

Nuclear Apoptosis Inducing Factor 1 Human Recombinant

Item Number	rAP-4169
Synonyms	bA379C10.2, C9orf90, RP11-379C10.2, Nuclear apoptosis-inducing factor 1, NAIF1.
Description	NAIF1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 350 amino acids (1-327 a.a) and having a molecular mass of 37.6kDa. NAIF1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q69Y17
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVPAKK RKMNFSEREV EIIVEELELK KHLNVNHFNA GVPLAAKSAA WHGILRRVNA VATCRRELPE VKKKWSDLKT EVRRKVAQVR AAVEGGEAPG PTEEDGAGGP GTGGGSGGGG PAVAPVLLTP MQQRICNLLG EATIISLPST TEIHPVALGP SA- TAAAATVT LTQIPTETTY HTLEEGVVEY CTAEAPPPLP PETPVDMMQA HADTSVKPQA LKSRIALNSA KLIQEQRVTN LHVKEIAQHL EQQNDLLQMI RRSQEVQACA QERQAQAMEG TQAALSVLIQ VLRPMIK- DFR RYLQSNANTANP APASDPGQVA QNGQPDSIIQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	NAIF1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% 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**