

# Human NIT2 Recombinant Protein



RPPB2023

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## Product Information    Protein Information

**Product SKU:**

RPPB2023

**Accession:**

Q9NQR4

**Host:**

Escherichia Coli.

**Protein description:**

NIT2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 299 amino acids (1-276a.a.) and having a molecular mass of 33kDa. NIT2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Nitrilase homolog 2, Nitrilase family member 2, omega-amidase NIT2, MGC111199, Nit protein 2, EC 3.5.1.3.

**Formulation:**

The NIT2 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 1mM DTT, 0.1M NaCl, and 10% glycerol.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

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). Please avoid freeze thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MGSMTSFRLA LIQLQISSIK SDNVTRACSF IREAATQGAK IVSLPECFNS  
PYGAKYFPEY AEKIPGESTQ KLSEVAKECS IYLIGGSIPE EDAGKLYNTC AVFGPDGTLT AKYRKIHLFD  
IDVPGKITFQ ESKTLSPGDS FSTFDTPYCR VGLGICYDMR FAELAQIYAQ RGCQLLVYPG AFNLTTGPAH  
WELLQRSRAV DNQVYVATAS PARDDKASYV AWGHSTVVNP WGEVLAKAGT EEAIVYSDID LKKLAEIRQQ  
IPVFRQKRSD LYAVEMKKP