

## 32-4362: Recombinant Human NTF2-like Export Factor 1

**Alternative Name :** NTF2-like export factor 1, MTR2, Protein P15, NTF2-related export protein 1, NUTF-like export factor 1, NTX2-like export factor 1.

### Description

Source : Escherichia Coli. NXT1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids (1-140a.a.) and having a molecular mass of 18.0kDa. The NXT1 is purified by proprietary chromatographic techniques. NXT1 operates as a nuclear export factor in both RAN and CRM1 dependent pathways. NXT1 is known to stimulate the export of U1 snRNA in RAN (Ras-related nuclear protein) and CRM1 (chromosome region maintenance) dependent pathways and the export of tRNA and mRNA in a CRM1-independent pathway. This protein heterodimerizes with Tap protein and regulates the ability of Tap protein to intermediate nuclear mRNA export.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** The NXT1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 20% glycerol and 0.1M NaCl.  
**Storage condition :** NXT1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MASVDFKTYV DQACRAAEF VNVYYTTMDK RRRLLSRLYM  
GTATLVWNGN AVSGQESLSE FFEMLPSSEF QISVVDQPV HDEATPSQTT VLVVICGSVK FEGNKQRDFN  
QNFIQAQAS PSNTVWKIAS DCFRFQDWAS.

