

NXT2, 1-197aa, Human, His tag, E.coli

Cat.NO.: TP03238

3th Edition

Synonyms:NTF2-related export protein 2, P15-2.

Description:NXT2 (nuclear transport factor 2-like export factor 2) is a member of NXT family proteins that are generally involved in exporting nuclear RNA in eukaryotic cells. This protein is regulator of protein export for NEScontaining proteins. Also, it associates with NXF1, NXF2, NXF3 and NXF5 and plays a role in mRNA nuclear export. NXT2 has a critical role in maintaining morphogenetic integrity of embryonic heart in vertebrate species.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 40% glycerol, 200mM NaCl

Molecular Weight:25.3kDa (221aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMRKYRSHWSQGDREGYQRRSNYYEGPHTSHSSPADRTREEVVTPTLPE
HTATRSQMATSLDFKTYVDQACRAAEFVNIYYETMDKRRRALTRLYLDKATLIWNGNAVSGLDALNNFFDTLPSS
EFQVNMLDCQPVEHQATQSQTTLVVVTSQVTKFDGNKQHFFNQNFLLTAQSTPNNTVWKIASDCFRFQDWSSS

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.