

SNRNP25, 1-132aa, Human, His tag, E.coli

Cat.NO.: TP03984

3th Edition

Synonyms:U11/U12 small nuclear ribonucleoprotein 25 kDa protein., C16orf33, FLJ22940

Description:SNRNP25 belongs to the small nuclear ribonucleoprotein core protein family. This protein is a component of the U12-type spliceosome that is found in some eukaryotes and removes U12-type introns, which are rare and have distinct splice consensus signals. The U12-type spliceosome consists of several small nuclear RNAs and associated proteins. Recombinant human SNRNP25 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol, 2mM DTT, 0.2M NaCl.

Molecular Weight:17.4 kDa (152aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMDVFQEGLAMVVQDPLLCDLPIQVTLEEVNSQIALEYGQAMTVRVCKMDGEVMP
VVVVQSATVLDLKKAIQRYVQLKQEREGGIQHISWSYVWRTYHLTSAGEKLTEDRKKLRDYGIRNRDEVSFIKKLRQ
K

Purity:> 95% by HPLC

Concentration:0.5 mg/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.