

EXOSC5, 1-235aa, Human, His tag, E.coli

Cat.NO.: TP02061

3th Edition

Synonyms:Exosome complex component RRP46, hRrp46p, p12B, RRP41B, RRP46, Rrp46p.

Description:EXOSC5, also known as exosome component 5, belongs to the RNase PH family. EXOSC5 has been shown to interact with Exosome component 8 and Exosome component 1. It is Non-catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events.

Form:Liquid. In PBS (pH 7.4) containing 2mM DTT, 30% glycerol, 200mM NaCl

Molecular Weight:27.5kDa (256aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMMEEETHDAKIRAENGTGSSPRGPGCSLRHFACEQNLLSRPDGSASFLQGDTS
VLAGVYGPAEVKVSKEIFNKATLEVILRPKIGLPGVAEKSRERLIRNTCEAVVLGTLHPRTSITVVLQVVSDAGSLLAC
CLNAACMALVDAGVPMRALFCGVACALDSGTLVLDPTSKQEKEARAVLTFALDSVERKLLMSSTKGLYSDTELQQ
CLAAAQAASQHVFRFYRESLQRRYSKS

Purity:> 95% by HPLC

Concentration:0.5mg/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.