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RPN2, 23-540aa, Human, His tag, E.coli

产品货号: TP03782

第三版

别名: Ribophorin II, SWP1, RPNII, RIBIIR, RPN-II

描述: RPN2, also known as ribophorin 2, is a dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit 2. This protein is part of an N-oligosaccharyl transferase complex that links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus motif of nascent polypeptide chains. It is similar in sequence to the yeast oligosaccharyl transferase subunit SWP1. Recombinant human RPN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

分子量: 59.2kDa (539aa)

序列:

MGSSHHHHHSSGLVPRGSHMLTPTHYLTKHDVERLKASLDRPFTNLESAFYISIVGLSSLGAQVPDAKKACTYIRSNLDPS
NVDSL FYAAQASQALSGCEISISNETKDLLLAAVSEDSSVTQIYHAVAALSGFGLPLASQEALSALTARLSKEETVLATVQAL
QTASHLSQQADLR SIVEEIEDLVARLDELGGVYLQFEEGLETTALFVAATYKLM DHVGT ESIKEDQVIQLMNAIFSKKNFE
SLSEAFSVASAAA VLSHNRYHVPVVVVPEGSASDTHEQAILRLQVTNVLSQPLTQATVKLEHAKSVASRATVLQKTSFTPV
GDVFELNFMNVK FSSGYDFLVEVEGDNR YIANTVELRVKISTEVGITNVDLSTVDKQSIAPKTTRV/TYPAKAKGTFIADS
HQN FALFFQLVDVNTGAELTPHQTFVRLHNQKTGQEVVFVAEPDNKNVYKFELDTSERKIEFDSASGTYTLYLIIGDATLK
NPILWNVADVVIKFPEEEAPSTVLSQNLFTPQKQEIQH L FREPEKRPPTV

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.