

CDC42, 1- 188 aa, Human, T7-tagged, Recombinant, E.coli

Cat.NO.: TP01548

3th Edition

Synonyms:Cell division cycle 42 isoform 1, G25K

Description:Cell division cycle 42 isoform 1, also known as CDC42, is a small GTPase of the Rho-subfamily, which regulates signaling pathways that control diverse cellular functions including cell morphology, migration, endocytosis and cell cycle progression

Form:Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol, 2mM EDTA

Molecular Weight:22.4 kDa (203aa)

Sequences:

MASMTGGQQMGRGSHMQTIKCVVVG DGAVGKTCLLISYTTNKFPSEYVPTVFDNYAVTVMIGGEPYTLGLFDTAG
QEDYDRLRPLSYPQTDVFLVCF SVVSPSSFENVKEKWVPEITHHCPKTPFLLVGTQIDL RDPSTIEKLAKNKQKPIT
PETAEKLARDLKAVKYVECSALTQKGLKNVFDEAILAALEPPEPKKSRR

Purity:> 95% by HPLC

Concentration:1 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.