

REV1,51-256aa, Human, His tag, E.coli

Cat.NO.: TP03717

3th Edition

Synonyms:DNA repair protein REV1 , REV1L

Description:REV1 contains a BRCT domain, which is important in protein-protein interactions. A suggested role for the human Rev1-like protein is as a scaffold that recruits DNA polymerases involved in translesion synthesis (TLS) of damaged DNA. Two alternatively spliced transcript variants that encode different proteins have been found. Recombinant human REV1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:25.2 kDa (227aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGVAIYVNGYTDPSAEELRKLMMMLHGGQYHVYYRSRKTTHIIATNLPNAKIKELKG
EKVIRPEWIVESIKAGRLLSYIPYQLYTKQSSVQKGLSFNPVCRPEDPLPGPSNIAKQLNNRVNHIVKKIETENEVKVN
GMNSWNEEDENNDFFSVDLEQTSPGRKQNGIPHRGSTAIFNGHTPSSNGALKTQDCLVPMVNSVASRLSPA

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.