

32-2782: REXO1 Recombinant Protein

Alternative Name RNA exonuclease 1 homolog, Elongin-A-binding protein 1, EloA-BP1, Transcription elongation factor B polypeptide 3-binding protein 1, REXO1, ELOABP1, KIAA1138, TCEB3BP1.

Description

Source : Escherichia Coli. REXO1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 198 amino acids (1060-1221a.a) and having a molecular mass of 22.3kDa. REXO1 is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. REXO1 is an exonuclease domain-containing protein which binds to Elongin. The Elongin complex stimulates the rate of transcription elongation by RNA polymerase II by suppressing the transient pausing of the polymerase at many sites along the DNA template. REXO1 is composed of 1221 amino acids and its mRNA is ubiquitously expressed. REXO1 is a putative stem cell marker and is highly expressed in embryonic and adult stem cells.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The REXO1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSIIYAL DCMSYTTYG LELTRVTVVD TDVHVYDVF VKPDNEIVDY NTRFSGVTEA DLADTSVTLR DVQAVLLSMF SADTILIGHS LESDLLALKV IHSTVVDTSV LFPHRLGLPY KRSLRNLMD YLRQIIQDNV DGHSSSEDAG ACMHLVIWKV REDAKTKR.

