

32-8310: Recombinant Human ATPase SWSAP1/SWSAP1 (N-6His)

Gene : SWSAP1

Gene ID : 126074

Uniprot ID : Q6NVH7

Description

Source: E. coli.

MW :25.7kD.

Recombinant Human SWS1-associated protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Pro229 is expressed with a 6His tag at the N-terminus. SWSAP1 is a nucleus ATPase protein, interacts with ZSWIM7 and forms a functional complex. The complexes involved in homologous recombination repair and stabilizes each other. SWS1AP1 also interacts with RAD51, RAD51B, RAD51C, RAD51D and XRCC3. It involves in homologous recombination repair. ATPase is preferentially stimulated by single-stranded DNA and is involved in homologous recombination repair (HRR). SWSAP1 has a DNA-binding activity which is independent of its ATPase activity.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : MNHKVHHHHHMPAAGPPLLLGTPGSGKTALLFAAALEAAGEGQGPVFLTRRPLQSMPRGTGTTLDPMRL QKIRFQYPPSTRELFRLCSAHEAPGAPSLLLLDGLEEYLAEDPEPQEAYLIAALLDAAHFHRLGPGRDCGL MVALQTQEEAGSGDVLHLALLQRYFPAQCWLQPDAPGPGEHGLRACLEPGGLGPRTWWVTFRSDGEMMIA PWPTQAGDPSSGKGSSSGGQP

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.