

Recombinant Full Length Human FIGNL1 Protein, GST-tagged

Cat. No. FIGNL1-5110HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FIGNL1 full-length ORF (NP_071399.2, 1 a.a. - 674 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	674 amino acids
Description	This gene encodes a member of the AAA ATPase family of proteins. The encoded protein is recruited to sites of DNA damage where it plays a role in DNA double-strand break repair via homologous recombination. This protein has also been shown to localize to the centrosome and inhibit ciliogenesis, and may regulate the proliferation and differentiation of osteoblasts. [provided by RefSeq, Oct 2016]
Molecular Mass	100.5 kDa
AA Sequence	MQTSSSRSVHLSEWQKNYFAITSGICTGPKADAYRAQILRIQYAWANSEISQVCATK LFKKYAEKYSIAIDSDNVESGLNNYAENILTLAGSQQTDSQDKWQSGLSINNFKMSSV QKMMQAGKKFKDLSLEPALASVVIHKEATVFDLPKFSVCGSSQESDLPNSAHDRD RTQDFPESNRLKLLQNAQPPMVTNTARTCPTFSAPVGESATAKFHVTPPLFGNVKKE NHSSAKENIGLNVFLSNQSCFPAACENPQRKSFYGSCTIDALSNPILNKACSKTEDN GPKEDSSLPTFKTAKEQLWVDQQKKYHQPPQRASGSSYGGVKKSLGASRSRGILGK FVPPPIPKQDGGEQNGGMQCKPYGAGPTEPAHPVDERLKNLEPKMIELIMNEIMDHG PPVNWEDIAGVEFAKATIKEIVVWPMLRPDIFTGLRGPPKGILLFGPPGTGKTLIGKCI

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ASQSGATFFSISASSLTSKWVGEGEKMVRALFAVARCQQPAVIFIDEIDSLLSQRGD
 GEHESSRRIKTEFLVQLDGATTSSDRILVVGATNRPQEIDEAARRRLVKRLYIPLPE
 ASARKQIVINLMSKEQCCLSEEEIEQIVQQSDAFSGADMTQLCREASLGPIRSLQTAD
 IATITPDQVRPIAYIDFENAFRTVRPSVSPKDLELYENWNKTFGCGK

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [FIGNL1 fidgetin-like 1 \[Homo sapiens \]](#)

Official Symbol [FIGNL1](#)

Synonyms FIGNL1; fidgetin-like 1; fidgetin-like protein 1;

Gene ID [63979](#)

mRNA Refseq [NM_001042762](#)

Protein Refseq [NP_001036227](#)

MIM [615383](#)

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UniProt ID

Q6PIW4

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