

Recombinant Human FIGNL1 Protein, GST-tagged

Cat. No. FIGNL1-4175H **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	Wheat Germ
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 LFKKYAEKYSIIIDSDNVESGLNNYAENILTLAGSQQTDSQDKWQSGLSINNVFKMSSV QKMMQAGKKFKDLSLEPALASVVIHKEATVFDLPKFSVCGSSQESDLPNSAHDRD RTQDFPESNRLKLLQNAQPPMVTNTARTCPTFSAPVGESATAKFHVTPFLGNVKKE NHSSAKENIGLNVFLSNQSCFPAACENPQRKSFYGS GTIDALSNPILNKACSKTEDN GPKEDSSLPTFKTAKEQLWVDQQKKYHQQRASGSSYGGVKKSLGASRSRGILGK FVPPIPKQDGGEQNGGMQCKPYGAGPTEPAHPVDERLKNLEPKMIELIMNEIMDHG PPVNWEDIAGVEFAKATIKEIVVWPMLRPDIFTGLRGPPKGILLFGPPGTGKTLIGKCI ASQSGATFFSISASSLTSKWVGEGEKMRALFAVARCQQPAVIFIDEIDSLLSQRGD

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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

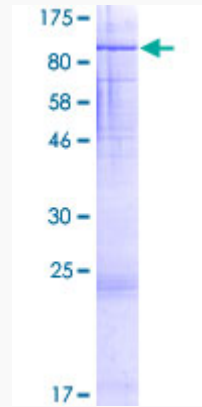
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UniProt ID

Q6PIW4

Quality Control
Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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