

Recombinant Full Length Human FIGN Protein, GST-tagged

Cat. No. FIGN-5108HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FIGN full-length ORF (BAG54182.1, 1 a.a. - 759 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	759 amino acids
Description	FIGN (Fidgetin, Microtubule Severing Factor) is a Protein Coding gene. GO annotations related to this gene include protein C-terminus binding and microtubule-severing ATPase activity. An important paralog of this gene is FIGNL2.
Molecular Mass	108.5 kDa
AA Sequence	MISSTSVYGLKMQWTPEHAQWPEQHFDTSTTRSPA HKVEAYRGHLQRTYQYAWA NDDISALTASNLLKKYAEKYS GILEGPVDRPVLSNYS DTPSGLVNGRKNESEPWQPS LNSEAVYPMNCVPDVITASKAGVSSALPPADV SASIGSSPGVASNLTEPSYSSSTCG SHTVPSLHAGLPSQEYAPGYNGSYLHSTYSSQPAPALPSPHPSPLHSSGLLQPPPP PPPPPALVPGYNGTSNLSSYSYPSASYP PQTAVGSGYSPGGAPPPPSAYLP SGIPA PTPLPPTTVPGYTYQGHGLTPIAPSALTNSSASSLKRKAFY MAGQGDM DSSYGNYS YGQQRSTQSPMYRMPDNSISNTNRGNGFDRSAETSSLA FKPTKQLMSSEQQRKFS SQSSRALTPPSYSTAKNSLGSRSSESFGKYTSPVMSEHGDEHRQLLSHPMQGPGL RAATSSNHSVDEQLKNTDTHLIDLVTNEITQGPPVDWNDIAGLDLVKAVIKEEVLP VLRSDAFSGLTALPRSILLFGPRGTGKTL LGRCIASQLGATFFK IAGSGLVAKWLGEA

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EKIIHASFLVARCRQPSVIFVSDIDMLLSSQVNEEHSPVSRMRTEFLMQLDTVLTSAE
DQIVVICATSKPEEIDESLRRYFMKRLLIPLPDSTARHQIIVQLLSQHNCLNDKEFALL
VQRTEGFSGLDVAHLCQEAVVGPLHAMPATDLSAIMPSQLRPVTYQDFENAFCKIQ
PSISQKELDMYVEWKNMFGCSQ

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 [FIGN fidgetin \[Homo sapiens \]](#)

Official Symbol [FIGN](#)

Synonyms Fidgetin, Microtubule Severing Factor; Fidgetin; FIGN; fidgetin

Gene ID [55137](#)

mRNA Refseq [NM_018086](#)

Protein Refseq [NP_060556](#)

MIM [605295](#)

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UniProt ID

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