

Recombinant Human IFT52 protein, His-tagged

Cat. No. IFT52-14092H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFT52 protein(1-437 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-437 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MEKELRSTILFNAYKKEIFTTNGYKSMQKKLRSNWKIQSLKDEITSEKLNQVGLWIT AGPREKFTAAEFELKKYLDTGGDVFMVLGEGGESRFDTNINFLLEEYGYIMVNNDVAV VRNVYHKYFHPKEALVSSGVLNREISRAAGKAVPGIIDEESSGNNAQALTFVYPFGA TLSVMKPAVAVLSTGSVCFPLNRPILAFYHSKNQGGKLAVLGSCHMFSDQYLDKEE NSKIMDVVFQWLTTGDIHLNQIDAEDPEISDYMMPLPYTATLSKRNRECLQESDEIPRD FTTLFDLSIFQLDTSFHSVIEAHEQLNVKHEPLQLIQPFETPLPTLQPAVFPSPFRE LPPPPLELFDLDETFSSEKARLAQITNKCTEEDLEFYVRKCGDILGVTSKLPKDQQDA KHILEHVFFQVVEFKKLNQEHIDTSETAFQNNF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

MIM-Weblink

GENE INFORMATION

Gene Name IFT52 intraflagellar transport 52 homolog (Chlamydomonas) [Homo sapiens]

Official Symbol IFT52

Synonyms intraflagellar transport 52 homolog (Chlamydomonas); 15901; Ensembl:ENSG00000101052; intraflagellar transport protein 52 homolog;protein NGD5 homolog; NGD2; NGD5; CGI-53; C20orf9; dJ1028D15.1

Gene ID 51098

mRNA Refseq NM_016004.2

Protein Refseq NP_057088.2

UniProt ID Q9Y366

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA