Recombinant Human IFT140 protein, His-tagged

Cat. No. IFT140-0400H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFT140 protein(1114-1462 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1114-1462 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	AEDLDETSDPALLARCSDFFIEHSQYERAVELLLAARKYQEALQLCLGQNMSITEEM AEKMTVAKDSSDLPEESRRELLEQIADCCMRQGSYHLATKKYTQAGNKLKAMRALL KSGDTEKITFFASVSRQKEIYIMAANYLQSLDWRKEPEIMKNIIGFYTKGRALDLLAGF YDACAQVEIDEYQNYDKAHGALTEAYKCLAKAKAKSPLDQETRLAQLQSRMALVKR FIQARRTYTEDPKESIKQCELLLEEPDLDSTIRIGDVYGFLVEHYVRKEEYQTAYRFLE EMRRRLPLANMSYYVSPQAVDAVHRGLGLPLPRTVPEQVRHNSMEDARELDEEVV EEADDDP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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	containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	IFT140 intraflagellar transport 140 homolog (Chlamydomonas) [Homo sapiens]
Official Symbol	IFT140
Synonyms	IFT140; intraflagellar transport 140 homolog (Chlamydomonas); WD and tetratricopeptide repeats 2 , WDTC2; intraflagellar transport protein 140 homolog; gs114; KIAA0590; WD and tetratricopeptide repeats 2; WD and tetratricopeptide repeats protein 2; WDTC2; c305C8.4; c380F5.1; FLJ10306; FLJ30571; DKFZp564L232;
Gene ID	9742
mRNA Refseq	NM_014714
Protein Refseq	NP_055529
MIM	614620
UniProt ID	Q96RY7

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