

## Recombinant Human HEATR2, His-tagged

Cat. No. HEATR2-13721H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human HEATR2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 661-809a.a.

**Description** The protein encoded by this gene is essential for the preassembly or stability of axonemal dynein arms, and is found only in organisms with motile cilia and flagella. Mutations in this gene are associated with primary ciliary dyskinesia-18, a disorder characterized by abnormalities of motile cilia. Alternatively spliced transcript variants have been found for this gene.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

**Gene Name** HEATR2 HEAT repeat containing 2 [ Homo sapiens ]

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<b>Official Symbol</b>	HEATR2
<b>Synonyms</b>	HEATR2; HEAT repeat containing 2; HEAT repeat-containing protein 2; FLJ20397; FLJ25564; FLJ31671; FLJ39381;
<b>Gene ID</b>	54919
<b>mRNA Refseq</b>	NM_017802
<b>Protein Refseq</b>	NP_060272
<b>UniProt ID</b>	Q86Y56
<b>Chromosome Location</b>	7p22.3
<b>Function</b>	binding;

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