Recombinant Human HEATR2 Protein, GST-tagged

Cat. No. HEATR2-4669H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HEATR2 full-length ORF (AAH10850.1, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Feb 2013]
Molecular Mass	51.3 kDa
AA Sequence	MRLKLFSILSTVLLRATDTINSQGQFPSYLETVTKDILAPNLQWHAGRTAAAIRTAAVS CLWALTSSEVLSAEQIRDVQETLMPQVLTTLEEDSKMTRLISCRIINTFLKTSGGMTD PEKLIKIYPELLKRLDDVSNDVRMAAASTLVTWLQCVKGANAKSYYQSSVQYLYREL LVHLDDPERAIQDAILDVPGSPSPSAMIGSFLRPPHPWRTVSQLNLFSS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 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	HEATR2 HEAT repeat containing 2 [Homo sapiens]
Official Symbol	HEATR2
Synonyms	HEATR2; HEAT repeat containing 2; HEAT repeat-containing protein 2; FLJ20397; FLJ25564; FLJ31671; FLJ39381;
Gene ID	54919
mRNA Refseq	NM_017802
Protein Refseq	NP_060272
UniProt ID	Q86Y56

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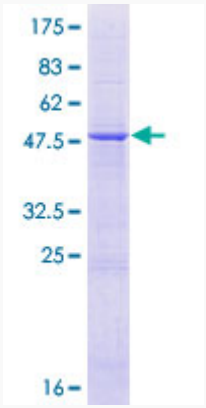
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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