

Recombinant Human ARMC4 protein, GST-tagged

Cat. No. ARMC4-828H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARMC4 partial ORF (NP_060546, 945 a.a. - 1044 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene contains ten Armadillo repeat motifs (ARMs) and one HEAT repeat, and is thought to be involved in ciliary and flagellar movement. This protein has been shown to localize to the ciliary axonemes and at the ciliary base of respiratory cells. Studies indicate that mutations in this gene cause partial outer dynein arm (ODA) defects in respiratory cilia. The cilia of cells with mutations in this gene displayed either reduced ciliary beat frequency and amplitude, or, complete immotility. Some individuals with primary ciliary dyskensia (PCD) have been shown to have mutations in this gene. PCD is characterized by chronic airway disease and left/right body asymmetry defects. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2015]
Molecular Mass	36.74 kDa
AA Sequence	AISRCCMWGRNVRVAFGEHKAVAPLVRYLKSNDTNVHRATAQALYQLSEADNCITM HENGAVKLLLDMMVGSPDQDLQEAAAGCISNIRRLALATEKARYT
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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

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

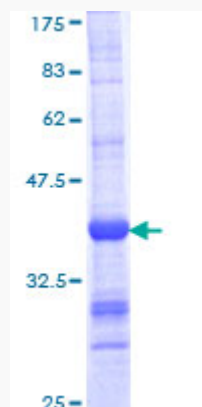
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	ARMC4 armadillo repeat containing 4 [Homo sapiens]
Official Symbol	ARMC4
Synonyms	ARMC4; armadillo repeat containing 4; armadillo repeat-containing protein 4; DKFZP434P1735; FLJ10376; FLJ10817; FLJ32798; RP11-691I13.1; DKFZp434P1735;
Gene ID	55130
mRNA Refseq	NM_018076
Protein Refseq	NP_060546
UniProt ID	Q5T2S8

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12.5% SDS-PAGE Stained with Coomassie Blue.

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