

Recombinant Full Length Human DPY19L2 Protein, GST-tagged

Cat. No. DPY19L2-4158HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPY19L2 full-length ORF (AAH68442.1, 1 a.a. - 758 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	758 amino acids
Description	The protein encoded by this gene belongs to the dpy-19 family. It is highly expressed in testis, and is required for sperm head elongation and acrosome formation during spermatogenesis. Mutations in this gene are associated with an infertility disorder, spermatogenic failure type 9 (SPGF9). [provided by RefSeq, Dec 2011]
Molecular Mass	113.7 kDa
AA Sequence	MRKQGVSSKRLQSSGRSQSKGRRGASLAREPEVEEEVEKSVLGGGKLPRGAWRS SPGRIQSLKERKGGLELEVAKTFLLGPFQFVRNSLAQLREKVQELQARRFSSRTTLGI AVFVAILHWLHLVTLFENDRHFSHLSSLEREMTFRTEMGPYYSYFKTIEAPSFLEGL WMIMNDRLTEYPLIINAIKRFLHYPEVIIASWYCTFMGIMNLFGLTKTCWNVTRIEPL NEVQSCEGLGDPACFYVGVIFILNGLMMGLFFMYGAYLSGTQLGGLITVLCFFFNHG EATRVMWTPPLRESFSYPFLVLQMCILTILRTSSNDRRPFIALCLSNVAFMLPWQFA QFILFTQIASLFPMYVVGYYIEPSKFQKIIYMNMISSVTLSFILMFGNSMYLSSYYSSSLLM TWAIIKRNIEIQKLGVSCLNFWLIQGSAAWWCGTIIKFLTSKILGVSDHIRLSDLIAARIL

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RYTDFDTLIYTCAPEFDFMEKATPLRYTKTLLLPVVMVITCFIFKKTVRDISYVLATNIY
 LRKQLLEHSELAFTLQLLVFTALAILIMRLKMFLTPHMCVMASLICSRLFGWLFRR
 VRFEKVIFGILTVMSIQGYANLRNQWSIIGEFNNLPQEELLQWIKYSTTSDAVFAGAM
 PTMASIKLSTLHPIVNHPHYEDADLRARTKIVYSTYSRKSACEVRDKLLELHVNYVVL
 EEAWCVVRTKPGCSMLEIWDVEDPSNAANPPLCSVLLEDARPYFTTVFQNSVYRVL
 KVN

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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

DPY19L2 dpy-19-like 2 (C. elegans) [Homo sapiens]

Official Symbol

DPY19L2

Synonyms

DPY19L2; dpy-19-like 2 (C. elegans); protein dpy-19 homolog 2; FLJ32949; SPGF9;
 FLJ36166;

Gene ID

283417

mRNA Refseq

NM_173812

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Protein Refseq	NP_776173
MIM	613893
UniProt ID	Q6NUT2

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