

Recombinant Human PIWIL4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PIWIL4-2454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PIWIL4 MS Standard C13 and N15-labeled recombinant protein (NP_689644) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PIWIL4 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells.
Molecular Mass	96.6 kDa
AA Sequence	MSGRRVKGARGIARSPSATEVGRIQASPLPRSVDLNNEASSSNGFLGTSRISTNDK YGISSGDAGSTFMERGVKNKQDFMDLSICTREKLAHVNRNCKTGSSGIPVKLVNLFN LDFPQDWQLYQYHVTYIPDLASRRRLRIALLYSHSELSNKAKAFDGAILFLSQKLEEKV TELSSETQRGETIKMTITLKRELPSSSPVCIQVFNIIFRKILKKLSMYQIGRNFYNPSEP MEIPQHKLSLWPGFAISVSYFERKLLFSADVSYKVLNRNETVLEFMTALCQRTGLSCFT QTCEKQLIGLIVLTRYNNRTYSIDDIDWSVKPTHTFQKRDGTEITYVDYYKQQYDITVS DLNQPMMLVSLKKKRNDNSEAQLAHLIPELCFLTGLTDQATSDFQLMKAVAEKTRLS PSGRQQRLARLVDNIQRNTNARFELETWGLHFGSQISLTGRIVPSEKILMQDHICQP VSAADWSKDIRTCKILNAQSLNTWLILCSDRTEYVAESFLNCLRRVAGSMGFNVDYP KIIKVQENPAAFVRAIQQYVDPDVQLVMCILPSNQKTYYYDSIKKYLSSDCPVPSQCVL ARTLNKQGMMSIATKIAMQMTCKLGGELWAVEIPLKSLMVVGIDVCKDALSKDVM

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VVGCVASVNPRITRWFSRCILQRTMTDVADCLKVFMTGALNKWYKYNHDLPARIIVY
 RAGVG DGQLKTLIEYEV PQLSSVAESSNTSSRLSVIVVRKKCMPRFFTEMNRTVQ
 NPPLGTVVDSEATRNEWYDFYLISQVACRGTVSPTYYNVIYDDNGLKPDHMQRLTF
 KLCHLYYNWPGIVSVPAPCQYAHKLTFLVAQSIHKEPSLELANHLFYLTRTRPLEQKL
 ISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PIWIL4 piwi like RNA-mediated gene silencing 4 [Homo sapiens (human)]

Official Symbol PIWIL4

Synonyms PIWIL4; piwi-like 4 (Drosophila); piwi-like protein 4; FLJ36156; HIWI2; Miwi2; MIWI2; DKFZp686P01248;

Gene ID 143689

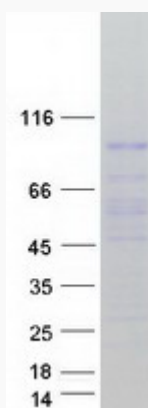
mRNA Refseq NM_152431

Protein Refseq NP_689644

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MIM 610315**UniProt ID** Q7Z3Z4**SDS-PAGE** 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