Recombinant Human PIWIL2 protein, His-tagged

Cat. No. PIWIL2-1737H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIWIL2 protein(662-973 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	662-973 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	AEGKIQMVVCIIMGPRDDLYGAIKKLCCVQSPVPSQVVNVRTIGQPTRLRSVAQKILL QINCKLGGELWGVDIPLKQLMVIGMDVYHDPSRGMRSVVGFVASINLTLTKWYSRV VFQMPHQEIVDSLKLCLVGSLKKFYEVNHCLPEKIVVYRDGVSDGQLKTVANYEIPQ LQKCFEAFENYQPKMVVFVVQKKISTNLYLAAPQNFVTPTPGTVVDHTITSCEWVDF YLLAHHVRQGCGIPTHYVCVLNTANLSPDHMQRLTFKLCHMYWNWPGTIRVPAPCK YAHKLAFLSGHILHHEPAIQLCENLFFL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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	cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PIWIL2 piwi-like 2 (Drosophila) [Homo sapiens]
Official Symbol	PIWIL2
Synonyms	PIWIL2; piwi-like 2 (Drosophila); piwi-like protein 2; cancer/testis antigen 80; CT80; FLJ10351; HILI; Hiwi like; Mili; Miwi like; piwil2-like protein; mili; PIWIL1L; MGC133049;
Gene ID	55124
mRNA Refseq	NM_001135721
Protein Refseq	NP_001129193
MIM	610312
UniProt ID	Q8TC59

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