

Recombinant Full Length Drosophila Melanogaster Furin-Like Protease 1, Isoform 1-Crr(Fur1) Protein, His-Tagged

Cat. No. RFL9444DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Drosophila melanogaster Furin-like protease 1, isoform 1-CRR(Fur1) Protein (P30430) (310-1101aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Drosophila melanogaster (Fruit fly)
Source	E.coli
ProteinLength	Full Length of Mature Protein (310-1101)
Form	Lyophilized powder
AA Sequence	DFIRMRPSTSSRAMSMVDAMSFNDSKWPQMWYLNRRGGGLDMNVIPAWKMGITG KGVVVT ILDDGLES DHPDIQDNYDPKASYDVNSHDDDPMPHYDMTDSNRHGTRCA GEVAATANNSF CAVGIAYGASVGGVRMLDGDVTD AVEARSLSLNPQHIDIYSASWG PDDDGKTVDGPGELA SRAFIGETTKGRGGKGSIFIWASGNGGREQDNCNCDGYTN SIWTLSSISATEEGHVPWYS EKCSSTLATTYSSGGQGEKQVVTTDLHHSCTVSHTG TSASAPLAAGIAALVLQSNQNL TW RDLQHIVVRTAKPANLKDPSWSRNGVGRRVSH SFGYGLMDAAEMVRVARNWKAVPEQQRC EINAPHVDKVIPPRTHITLQLTVNHCRS VNYLEHVQAKITLTSQRRGDIQLFLRSPANTS VTLLTPRIHDNSRSGFNQWPFSVH TWGESPPQGNWQLEIHNEGRYMAQITQWDMIFYGTE TPAQPDDVANPSQSNQFNL YGNDMAHNDVEYDSTGQWRNMQQVGEVGMTRDHSNTAACLK WSDRKCLECND SAYMFEDQCYDVCPVHTYPLDKFQAEDEQDDEVTRGPVNPYSSSPMDH SLLMS

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NSLDDKQDPLQAEDRRRRSSLTQLVEVPSRVCAACDRSCLECYGALASQCSTCSP
 GSQLRKILNETFCYAYVVRSTGMASVVDISKMDDRDTQQYMTGTTVLLLVSVIFTLM
 GVA VAGGIVYHRRAMARSNELYSRVSLVPGDESDEDELFTAHPARKSGVNIYR
 DEAPSEK IFEEDEISHLVP

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Fur1

Synonyms Fur1; CG10772; Furin-like protease 1, isoform 1-CRR; Furin-1; Kex2-like endoprotease 1; dKLIP-1

UniProt ID [P30430](#)

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