

Recombinant Human WDPCP Protein (1-722 aa), GST-tagged

Cat. No. WDPCP-1059M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WDPCP Protein (1-722 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-722 aa
Description	Probable effector of the planar cell polarity signaling pathway which regulates the septin cytoskeleton in both ciliogenesis and collective cell movents.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	108.7 kDa
AA Sequence	MSFCLTELHLWSLKSTLHIADRDIGVYQYYDKKDPSVSATEHGNLEEKQRLAESRDY PWT LKNRRPEKLRDSLKELEELMQSSPCVLSKWWSKYICQLLFGSGVLVSLSGP QLEKVVIDRSLVGKLISDTISDALLTDSFIILSFLAQNKLCFIQFTKKMDSL DGNKRLEK LSALDLKISYYDIPGPANRTIDRHLAVNSTQDLVVCWWPLVSDDVWPWTPVSSEKD RANMLLLGFTQGGLEVLSFVRTEWSPLDVHFGTKQPYQVFTVECSVSV DKEPMAD SCIYESVRNKLHCVSVTRIPLRSKAISCCRNSTEDKLIVGCEDSSVILYEAHRGV TLLA QAELRPSLISCHPSGAILLVGSNQGELQIFDIALSPINIQLLAEDYSPKETLQFKKFFDV SSSLVQM QWMAPPVVFQKPKRGEICDLLFLRFNKGPLGVLLFKLGILTRGQLGLVDLI

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LQYIHSEVYEAISILRSMDWDTLGQQCLIGMGTIVNHLLRQRLTPEREAQLEASLGT
FYAPTRPLDTTILEYREPVSKYARRLFHHLLRYKRFEKAFLLAVIDIGARDLFMDIHYL
ALDMGELALAEVARRRAHDIDVESVSSGVELLGPLDRRDMLNEGFASSALMPEGEN
KFPGLPSIGSTHMQTLQQKIPNGPSSRWAIERRTEEEEEEEEEEEELCTDSSGAT
TWNAEGELKEDQRKQDIGDVGSLRMVHFGLV

Purity > 90% as determined by SDS-PAGE.

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

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name WDPCP WD repeat containing planar cell polarity effector [Homo sapiens]

Official Symbol WDPCP

Synonyms WDPCP; BBS15; fritz; hFrtz; FRTZ; FRITZ; C2orf86; DKFZp686C12204;

Gene ID 51057

mRNA Refseq NM_015910

Protein Refseq NP_056994

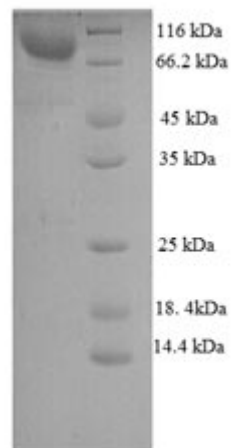
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MIM 613580

UniProt ID Q8C456



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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