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Product datasheet for TP506381

Olfml3 (NM_133859) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse olfactomedin-like 3 (Olfml3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206381 protein sequence Red=Cloning site Green=Tags(s) MGPSAPLLLLFFLSWTGPLQGQQHHLVEYMERRLAALEERLAQCQDQSSRHAAELRDFKNKMLPLLEVAE KERETLRTEADSISGRVDRLEREVDYLETQNPALPCVELDEKVTGGPGAKGKGRRNEKYDMVTDCSYTVA QVRSMKILKRFGGSAGLWTKDPLGPAEKIYVLDGTQNDTAFVFPRLRDFTLAMAARKASRIRVPFPWVGT GQLVYGGFLYYARRPPGGPGGGGELENTLQLIKFHLANRTVVDSSVFPAESLIPPYGLTADTYIDLAADE EGLWAVYATRDDDRHLCLAKLDPQTLDTEQQWDTPCPRENAEAAFVICGTLYVVYNTRPASRARIQCSFD ASGTLAPERAALSYFPRRYGAHASLRYNPRERQLYAWDDGYQIVYKLEMKKKEEEV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	45.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_598620
Locus ID:	99543
UniProt ID:	Q8BK62, A0A0R4J086

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RefSeq Size:	1736
Cytogenetics:	3 F2.2
RefSeq ORF:	1221
Synonyms:	2810002E22Rik; AI115209; AW550633; HNOEL-iso; mONT3; ONT3
Summary:	Secreted scaffold protein that plays an essential role in dorsoventral patterning during early development. Stabilizes axial formation by restricting chordin (CHRD) activity on the dorsal side. Acts by facilitating the association between the tolloid proteases and their substrate chordin (CHRD), leading to enhance chordin (CHRD) degradation (By similarity). May have matrix-related function involved in placental and embryonic development, or play a similar role in other physiological processes (By similarity).[UniProtKB/Swiss-Prot Function]