

Product datasheet for TP525040

Kremen2 (NM_028416) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse krigle containing transmembrane protein 2 (Kremen2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225040 protein sequence Red =Cloning site Green =Tags(s)

MGTPHLQGFLLLFPLLLRLHGASAGSLHSPGLSECFQVNGADYRGHQNYTGPRGAGRPCLFWDQTQQHSY
SSASDPQGRWGLGAHNFCRNPDGDVQPWCYVAETEEGIWRYCDIPTCHMPGYLGC FVDSGAPPALSGPS
GTSTKLTQVCLRFRCMKGYQLAGVEAGYACFCGSESDLARGRPAPATDCDQICFGHPGQLCGGDGRLGI
YEVSVGSCQGNWSAPQGVYSPDFPDEYGPDRNCSWVLGQLGAVLELTFRLFELADSRDRLELRDVSNGN
LLRAFDGAHPPPPGPLRLRTAALLLTFRSDARGHAQGFALTYRGLQDTVEGRASPEDSTESLAGDPDGAN
ASCSPKPGAAQASIGARVFSTVTAFSVLLLLLLSLLRLLRRRSCLLAPGKGLAMGSPRGPGRSWAWWYR
RPRGVALPCPPGDSQAEGPAAGYRPLSASSQSSLRSLVSAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	49.2 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_082692
Locus ID:	73016



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UniProt ID: [Q8K1S7](#)

RefSeq Size: 2135

Cytogenetics: 17 A3.3

RefSeq ORF: 1386

Synonyms: 2900054E04Rik; Krm2

Summary: Receptor for Dickkopf proteins. Cooperates with DKK1/2 to inhibit Wnt/beta-catenin signaling by promoting the endocytosis of Wnt receptors LRP5 and LRP6 (PubMed:12050670). Plays a role in limb development; attenuates Wnt signaling in the developing limb to allow normal limb patterning and can also negatively regulate bone formation (PubMed:18505822).
[UniProtKB/Swiss-Prot Function]