

Product datasheet for **TP508074**

Acvr11 (NM_009612) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse activin A receptor, type II-like 1 (Acvr11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208074 protein sequence Red =Cloning site Green =Tags(s)

MTLGSFRRGLLMLSVALGLTRGDLAKPSKLVNCTCESPHCKRPFQGSWCTWLVREQGRHPQVYRGCGLNQLCLGRPTEFLNHHCCYRSFCNHNVSMLLEATQTPSEEPEVDAYLPLILGPVLALPVLVALGALGLWRVRRRQEKQRDLHSDLGESSLILKASEQADSM LGDFLSDCTTGS GSGLPFLVQRTVARQVALVECVGKGRYGEVWRGSGWHGESVAVKIFSSRDEQSWFRETEIYNTVLLRHDNILGFIASDMTSRNSSTQLWLITHYEHGSLYDFLQRQTLEPQLALRLAVSAACGLAHLHVEIFGTQGKPAIAHRDLKSRNVLVKS NLQCCIADLGLAVMHSQSSDYLDIGNNPRVGT KRYMAPEVLDEHIRTDCFESYKWTDIWAFGLVLWEIARRTIINGIVEDYKPPFYDMVPNDPSFEDMKKVVCDQQTPTIPNRLAADPVL SGLAQM MRECWYPNPSARLTALRIKKT LQKLSHNPEKPKVIH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.5 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_033742



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Locus ID:	11482
UniProt ID:	Q61288
RefSeq Size:	3640
Cytogenetics:	15 F1
RefSeq ORF:	1509
Synonyms:	Acvr1k1; AI115505; AI427544; Alk1
Summary:	Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.[UniProtKB/Swiss-Prot Function]