

Product datasheet for TP501851

Aqp9 (BC024105) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse aquaporin 9 (cDNA clone MGC:35844 IMAGE:5096952), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201851 protein sequence Red =Cloning site Green =Tags(s)
	MPSEKDRAKKNLVQRLALKSCLAKETLSEFLGTFMIVLGCGSIAQAVLSREKAGGIITINIGFATAVVM ALYATFGVSGGHINPAVSFAMCTFGRMEWFKFPFYVGAQLLGAFVGAATVFGIYYDGLMAFADGKLLITG ENGTAFIFATYPKPFVSVPGAFVDQSPWPRRITHIKGSSRILSAIRGVENRP
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.6 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.
Locus ID:	64008
UniProt ID:	Q9J1J3
RefSeq Size:	2782
Cytogenetics:	9 D
RefSeq ORF:	576



[View online »](#)

Synonyms: 1700020I22Rik; AI266899; AQP-9

Summary: This gene encodes a member of the aquaglyceroporin subfamily of aquaporins. This protein transports water, glycerol, urea, purines and pyrimidines and plays a role in glycerol metabolism and osteoclast differentiation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]