

Product datasheet for **TP505064**

Anxa2 (NM_007585) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse annexin A2 (Anxa2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205064 protein sequence Red =Cloning site Green =Tags(s)

MSTVHEILCKLSLEGDHSTPPSAYGSVKPYTNFDAERDALNIETAVKTKGVDEVTVNILTNRSNVQRQD
IAFAYQRRTKKELPSALKSALSGLHLETVILGLLKTPAQYDASELKASMKGLGTDEDSLIEICSRTNQEL
QEINRVYKEMYKTDLEKDIISDTSGDFRKL MVALAKGRR AEDG SVIDYELIDQDARELYDAGV KRKGT DV
PKWISIMTERS VCHLQKV FERYKSYSPYD MLESIKKEVKG DLENAFLNLVQC IQNKPLYFADRLYDSMKG
KGT RDKVLIRIMVSRSEVDMLKIRSEFKRKYGKSLYYYIQQDTKGDYQKALLYLCGGDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	38.7 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_031611
Locus ID:	12306
UniProt ID:	P07356 , Q542G9



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RefSeq Size: 1374

Cytogenetics: 9 38.58 cM

RefSeq ORF: 1020

Synonyms: AW215814; Cal1h

Summary: Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response (By similarity). Inhibits PCSK9-enhanced LDLR degradation, probably reduces PCSK9 protein levels via a translational mechanism but also competes with LDLR for binding with PCSK9 (PubMed:22848640).[UniProtKB/Swiss-Prot Function]