

Product datasheet for **TP701404**

Annexin V (ANXA5) (NM_001154) Human Recombinant Protein

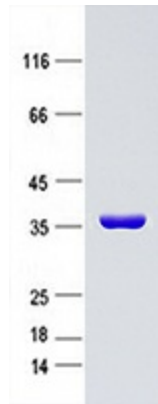
Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human annexin A5 (ANXA5), Ala2-End, with C-terminal His tag, secretory expressed in HEK293 cells, 50ug
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	1 AQVLRGTVTD FPGFDERADA ETLRKAMKGL GTDEESILTL LTRSNAQRQ EISA AFKTLF 61 GRDLLDDLKS ELTGKFEKLI VALMKPSRLY DAYELKHALK GAGTNEKVLT EIIASRTPEE 121 LRAIKQVYEE EYGSSLEDDV VGDTSGYYQR MLVLLQANR DPDA GIDEAQ VEQDAQALFQ 181 AGELKWGTDE EKFITIFGTR SVSHLRKVFD KYMTISGFQI EETIDRETSG NLEQLLLAVV 241 KSIRSIPAYL AETLYAMKG AGTDDHTLIR VMVSRSETDL FNIRKEFRKN FATSLYSMIK 301 GDTSGDYKKA LLLCGEDDG GGGSHHHHHH HHHH
Tag:	C-HIS
Predicted MW:	37.5 kDa
Concentration:	>50 ug/mL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH7.4
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001145
Locus ID:	308
UniProt ID:	P08758 , V9HWE0
RefSeq Size:	1624
Cytogenetics:	4q27
RefSeq ORF:	960
Synonyms:	ANX5; ENX2; HEL-S-7; PP4; RPRGL3


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Summary:

The Annexin 5 gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. Polymorphisms in this gene have been implicated in various obstetric complications. [provided by RefSeq, Dec 2019]

Product images:


Coomassie blue staining of purified ANXA5 protein (Cat #TP701404). The protein was produced from mammalian cells transfected with ANXA5 cDNA clone (Cat #[RC205619]).