

Product datasheet for **TP305619M**

Annexin V (ANXA5) (NM_001154) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human annexin A5 (ANXA5), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC205619 protein sequence
Red=Cloning site Green=Tags(s)

MAQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILLLTSRSNAQRQEISA AFKTLFGRDLLDDLK
SELTGKFEKLIVALMKPSRLYDAYELKHALKGAGTNEKVLTEIIASRTPEELRAIKQVYEEEEYGSSLEDD
VVGDTSGYYQRMLVLLQANRDPDAGIDEAQVEQDAQALFQAGELKWGTDEEKFITIFGTRSVSHLRKVF
DKYMTISGFQIEETIDRETSGNLEQLLLAVVKSIRSIPAYLAETLYAMKGAGTDDHTLIRVMVSRSETD
LFNIRKEFRKNFATSLYSMIKGDTS GDYK KALLLLCGEDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 35.8 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

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_001145](#)

Locus ID: 308

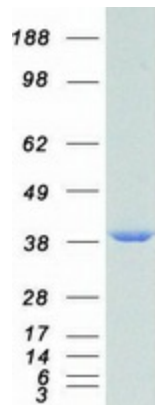


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UniProt ID: [P08758](#), [V9HWE0](#)
RefSeq Size: 1624
Cytogenetics: 4q27
RefSeq ORF: 960
Synonyms: ANX5; ENX2; HEL-S-7; PP4; RPRGL3

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# [TP305619]). The protein was produced from HEK293T cells transfected with ANXA5 cDNA clone (Cat# [RC205619]) using MegaTran 2.0 (Cat# [TT210002]).