Recombinant Dog ANXA4 protein, His-SUMO & Myc-tagged

Cat. No. ANXA4-2518D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog ANXA4 protein(P50994)(2-319aa), fused to N-terminal His tag and SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	2-319aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	55.7 kDa
AA Sequence	AAKGGTVKPASGFSATEDAQTLRKAMKGLGTDEDAIISVLAPRNTSQRQEIRTAYKS TIGRDLMDDLKSELSGNFERVIVGMITPTVLYDVQELRRAMKGSGTDEGCLIEILASR TPEELRCINQTYQLQYGRSLEDVIRSDTSFMFQRVLVSLSAGGRDEGNFLDDALMR QDAQDLYEAGEKKWGTDEVKFLTVLCSRNRNHLLHVFDEYKRISQKDIEQGIKSETS GSFEDALLAIVKCMRNKSAYFAERLYKSMKGLGTDDNTLIRVMVSRAEIDMMDIRES FKRLYGKSLYSFIKGDTSGDYRKVLLILCGGDD
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	ANXA4 annexin A4 [Canis lupus familiaris]
Official Symbol	ANXA4
Synonyms	ANXA4; annexin A4; annexin-4; annexin IV; lipocortin IV; zymogen granule membrane associated protein; 36 kDa zymogen granule membrane-associated protein; ZAP36;
Gene ID	606756
mRNA Refseq	NM_001003039
Protein Refseq	NP_001003039

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