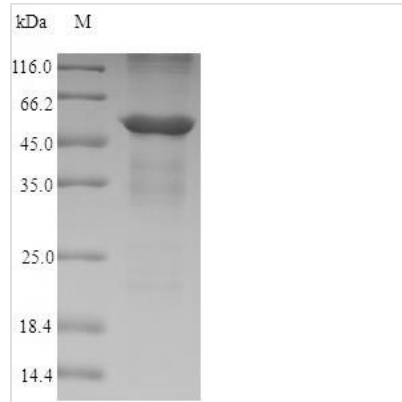




Recombinant Dog Annexin A4 (ANXA4)

Product Code	CSB-EP001845DO
Relevance	Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis
Abbreviation	Recombinant Dog ANXA4 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P50994
Alias	36 kDa zymogen granule membrane-associated protein Short name: ZAP36 Annexin IV Annexin-4 Lipocortin IV
Product Type	Recombinant Protein
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AAKGGTVKPASGFSATEDAQTLRKAMKGLGTDEDIISVLAPRNTSQRQEIRT AYKSTIGRDLMDDLKSELSGNFERVIVGMITPTVLYDVQELRRAMKGGSTDEG CLIEILASRTPEELRCINQTYQLQYGRSLEDVIRSDTSEFMFQRVLVSLSAGGRD EGNFLDDALMRQDAQDLYEAGEKKWGTDEVKFLTVCSSRNRNHLLHVFDEYK RISQKDIEQGKSETSGSFEDALLAIVKCMRNKSAYFAERLYKSMKGLGTDNDT LIRVMVSRAEIDMMDIRESFKRLYGKSLYSFIKGDTS GDYRKVLLILCGGDD
Research Area	Cardiovascular
Source	E.coli
Target Names	ANXA4
Protein Names	Recommended name: Annexin A4 Alternative name(s): 36 kDa zymogen granule membrane-associated protein Short name= ZAP36 Annexin IV Annexin-4 Lipocortin IV
Expression Region	2-319aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	55.7kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.