

Product datasheet for PH323936

Annexin A13 (ANXA13) (NM_004306) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANXA13 MS Standard C13 and N15-labeled recombinant protein (NP_004297)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223936
Predicted MW:	35.4 kDa
Protein Sequence:	>RC223936 protein sequence Red=Cloning site Green=Tags(s)

MGNRHAKASSPQGFVDVDRDAKLNKACKGMGTNEAAIIIEILSGRTSDERQQIKQKYKATYGKELEEVLKS
ELSGNFEKTALALLDHPSEYAARQLQKAMKGLGTDESVLIEVLCTRTRNKEIIAIEAYQRLFDRSLES
KGDTSNLLKILVSLQANRNEGDDVDKLAGQDAKLDYAGEGRWGTDELAFNEVLAKRSYKQLRATFQ
AYQILIGKDIEEAIEEETSGDLQKAYLTLVRCAQDCEDYFAERLYKSMKGAGTDEETLIRIIVTRAEVDL
QGIKAKFQEKYQKSLSDMVRSDTSGDFRKLVLALLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004297
RefSeq Size:	1486
RefSeq ORF:	948
Synonyms:	ANX13; ISA
Locus ID:	312



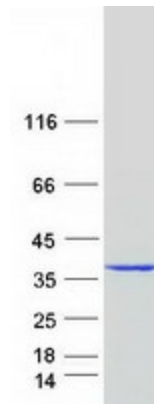
[View online »](#)

UniProt ID: [P27216](#), [Q53FB5](#)

Cytogenetics: 8q24.13

Summary: This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. The specific function of this gene has not yet been determined; however, it is associated with the plasma membrane of undifferentiated, proliferating endothelial cells and differentiated villus enterocytes. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified ANXA13 protein (Cat# [TP323936]). The protein was produced from HEK293T cells transfected with ANXA13 cDNA clone (Cat# [RC223936]) using MegaTran 2.0 (Cat# [TT210002]).