

## ANXA13 Human

**Description:**ANXA13 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 336 amino acids (1-316 a.a.) and having a molecular mass of 37.5kDa. The ANXA13 is purified by proprietary chromatographic techniques.

Catalog #:PRPS-204

For research use only.

**Synonyms:**Annexin A13, Annexin XIII, Annexin-13, Intestine-specific annexin, ISA, ANXA13, ANX13, MGC150460.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGNRHAKASS PQGFDVDRDA  
KKLNKACKGM GTNEAAIIEI LSGRTSDERQ QIKQKYKATY GKELEEVLKS ELSGNFEKTA  
LALLDRPSEY AARQLQKAMK GLGTDESVELI EVLCTR TNKE IIAIKEAYQR LFDRSLES DV  
KGDTSGNLKK ILVSLQANR NEGDDVDKDL AGQDAKDLYD AGEGRWGTDE LAFNEVLAKR  
SYKQLRATFQ AY

**Purity:**Greater than 90.0% as determined by SDS-PAGE.

### Formulation:

The ANXA13 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol, 0.1M NaCl and 1mM EDTA.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

Annexin A13 (ANXA13) belongs to the annexin protein family, whose members play a role in cytoskeletal interactions, phospholipase inhibition, regulation of cellular growth, and intracellular signal transduction pathways. ANXA13 is believed to be the original originator of the 12 members of vertebrate annexins. ANXA13 expression is decidedly tissue-specific, being expressed only in intestinal and kidney epithelial cells. This expression is linked with a highly differentiated intracellular transport function.

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