Data Sheet (Cat.No.TMPJ-00590)

TargetMol

ANXA13 Protein, Human, Recombinant

General Information

Synonyms: Intestine-Specific Annexin;Annexin A13;ISA;Annexin-13;ANXA13;Annexin XIII;ANX13

Protein Construction: Gly2-His316

Species: Human

Expression Host: E. coli

Accession: AAI25159.1

Molecular Weight: 33 KDa (reducing condition)

AA Sequence: Gly2-His316

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Endotoxin: < 0.1 ng/μg (1 EU/μg) as determined by LAL test.

Formulation: Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 100 mM NaCl, 10% Glycerol, pH 8.0.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

Annexin A13 (ANXA13) belongs to the annexin family which plays a role in phospholipase inhibition, cytoskeletal interactions, intracellular signal transduction pathways and regulation of cellular growth. ANXA13 contains four annexin repeats and a pair of annexin repeats may form one binding site for calcium and phospholipid. ANXA13 is highly expressed in intestinal and kidney epithelial cells. The specific function of ANXA13 has not yet been determined; however it is associated with the plasma membrane of undifferentiated, proliferating crypt epithelial cells as well as differentiated villus enterocytes.

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