

## 32-7182: Recombinant Human Annexin A13/ANXA13

**Gene :** ANXA13

**Gene ID :** 312

**Uniprot ID :** P27216

### Description

Source: E.coli.

MW :35.4kD.

Recombinant Human Annexin A13 is produced by our E.coli expression system and the target gene encoding Gly2-His316 is expressed. 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.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 10% Glycerol, pH 8.0.

**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

**Amino Acid :** GNRHAKASSPQGFVDVDRDAKKLNKACKGMTNEAAIIILSGRTSDERQQIKQKYKATYGKEEVLKSELSGN  
FEKTALALLDHPSEYAARQLQKAMKGLGTDESVLIEVLCTRNTKEIIAIEAYQRLFDRSLESVDKGDTSGNLKKI  
LVSLQANRNEGDDVDKDLAQDAKDLYDAGEGRWGTDELAFLNEVLAKRSYQLRATFQAYQILIGKDIEEAIE  
EETSGDLQKAYLTLVRCAQDCEDYFAERLYKSMKGAGTDEETLIRIIVTRAEVDLQGIKAKFQEKYQKSLSDMVR  
SDTSGDFRKLLVALLH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.