
Product Data Sheet

Product Name: ANKRA2 Human
 Cat. No.: GP22720
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ankyrin Repeat; Family A (RFXANK-Like); 2; ANKRA;RFXANK-Like Protein 2; Ankyrin Repeat Family A Protein 2; ANKRA2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMDTSTNL DIGAQLIVEE CPSTYSLTGM PDIKIEHPLD PNSEEGSAQGVAMGMKFILP NRFDMNVCSR FVKSLNEEDS KNIQDQVNSD LEVASVLFKA ECNIHTSPSP GIQVRHVYTPSTTKHFSPK QSTTLTNKHR GNEVSTTPLL ANSLSVHQLAAQGEMLYLAT RIEQENVINH TDEEGFTPLM WAAAHGQIAV VEFLLQNGADPQLLGKGRES ALSLACSKGY TDIVKMLLDC GVDVNEYDWN GGTPLLYAVH GNHVKCVKML LESGADPTIETDSGYNSMDL AVALGYRSVQ QVIESHLLKL LQNIKE.		
Formulation	ANKRA2 protein solution (0.25 mg/ml) containing 20mMTris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Ankyrin Repeat Family A2, also known as ANKRA2 contains 5 ANK repeats. ANKRA2 assist endocytosis by linking megalin to components of the cytoskeleton or endocytic machinery.

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.

Background

ANKRA2 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 336 amino acids (1-313a.a) and having a molecular mass of 36.7kDa. ANKRA2 is fused to a 23 amino acid His-tag at N-terminus & purified by

Caution: Product has not been fully validated for medical applications. For research use only.

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proprietary chromatographic techniques.

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