



Recombinant Human Ankyrin Repeat and SOCS Box Containing 13 Datasheet

Catalog Number: PR27222

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMEPRAAD GCFLGDVGFV VERTPVHEAA QRGESLQLQQ
LIESGACVNVQ VTVDSITPLH AASLQGQARC VQLLLAAGAQ VDARNIDGST PLCDACASGS IECVKLLLS
GAKVNPPLYT ASPLHEACMS GSSECVRLLI DVGANLEAHD CHFGTPLHVA CAREHLDCVK
VLLNAGANVN AAKLHETALH HAAKVKNVDL IEMLIEFGGN IYARDNRGKK PSDYTWSSSA
PAKCFEYYEK TPLTSQLCR VNLRKATGVR GLEKIAKLNI PPRLIDYLSY N.

Description/Molecular Mass: ASB13 belongs to the ankyrin repeat and SOCS box-containing (ASB) family of proteins which contains ankyrin repeat sequence and a SOCS box domain. ASB13 is a protein coding gene that plays a role as a substrate-recognition part of a SCF-like ECS E3 ubiquitin-protein ligase complex which arbitrates the ubiquitination and subsequent proteasomal degradation of target proteins.

ASB13 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 301 amino acids (1-278 a.a.) and having a molecular mass of 32.4kDa.

ASB13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Purity: Greater than 90.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: ASB13 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M UREA and 10% glycerol.

Storage: 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.

FOR RESEARCH USE ONLY

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