Recombinant human ASB13 protein

Catalog Number: ATGP2783

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-278aa

UniProt No.
Q8WXK3

NCBI Accession No.
NP_078977

Alternative Names
ankyrin repeat and SOCS box containing 13, FLJ13134, MGC19879

PRODUCT SPECIFICATION

Molecular Weight
32.4 kDa (301aa)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M uREA, 10% glycerol

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE,Denatured

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
ASB13 is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. They contain ankyrin repeat sequence and a SOCS box domain. The SOCS box serves to couple suppressor of cytokine signalling (SOCS) proteins and their binding partners with the elongin B and Ccomplex, possibly targeting them for degradation. Multiple alternatively spliced transcript variants, both protein-coding and not protein-coding, have been described for this gene. Recombinant human ASB13 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

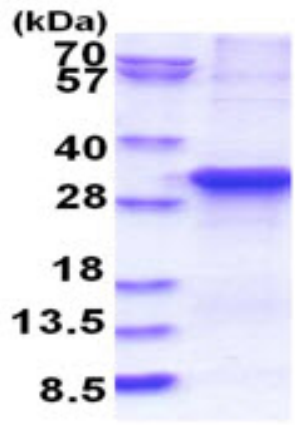
MGSSHHHHHH SSGLVPRGSH MGSMEPRAAD GCFLGDVGFW VERTPVHEAA QRGESLQLQQ LIESGACVNQ VTVDSITPLH AASLQGQARC VQLLLAAGAQ VDARNIDGST PLCDACASGS IECVKLLLSY GAKVNPPLYT ASPLHEACMS GSSECVRLLI DVGANLEAHD CHFGTPLHVA CAREHLDCVK VLLNAGANVN AAKLHETALH HAAKVKNVDL IEMLIEFGGN IYARDNRGKK PSDYTWSSSA PAKCFEYYEK TPLTLSQLCR VNLRKATGVR GLEKIAKLNI PPRLIDYLSY N

General References

Kohroki,J, et al. (2005) FEBS Lett. 579 (30), 6796-6802
Kile,B.T., et al. (2002) Trends Biochem. Sci. 27 (5), 235-241

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.