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## Product Data Sheet

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Product Name: ASB13 Human  
 Cat. No.: GP22785  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ankyrin repeat and SOCS box protein 13; ASB-13; ASB13; ankyrin repeat and SOCS box containing 13.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEPRAAD GCFLGDVGFV VERTPVHEAA QRGESLQLQQ LIESGACVNQ VTVDSITPLH AASLQGQARC VQLLLAAGAQ VDARNIDGST PLCDACASGS IECVKLLLSY GAKVNPPLYT ASPLHEACMS GSSECVRLLI DVGANLEAHD CHFGTPLHVA CAREHLDCVK VLLNAGANVN AAKLHETALH HAAKVKNVDL IEMLIEFGGN IYARDNRGKK PSDYTWSSSA PAKCFEYYEK TPLTSQLCR VNLRKATGVR GLEKIAKLNI PPRLIDYLSY N.		
Formulation	ASB13 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M UREA and 10% glycerol.		

### Introduction

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.

### 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). Please avoid freeze thaw cycles.

### Background

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

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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32.4kDa.ASB13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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