

# Recombinant human ASB8 protein

Catalog Number: ATGP2341

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-288aa

### UniProt No.

Q9H765

### NCBI Accession No.

NP\_077000

### Alternative Names

Ankyrin repeat and SOCS box containing 8, PP14212

## PRODUCT SPECIFICATION

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### Molecular Weight

34.0 kDa (311aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### 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

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### Description

Ankyrin repeat and SOCS box containing 8, also known as ASB8, may be a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Recombinant human ASB8 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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## Amino acid Sequence

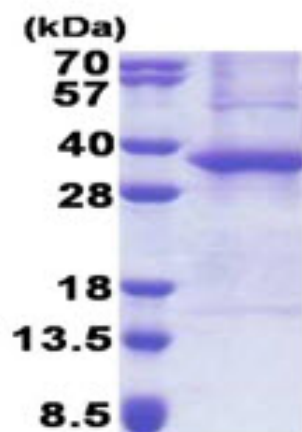
MGSSHHHHHH SSSLVPRGSH MGSMSSSMWY IMQSIQSKYS LSERLIRTIA AIRSFPHDNV EDLIRGGADV NCTHGTLKPL  
HCACMVSDAD CVELLLEKGA EVNALDGYNR TALHYAAEKD EACVEVLLEY GANPNALDGN RDTPLHWAAF KNNAEVVRAL  
LESGASVNAL DYNNDTPLSW AAMKGNLESV SILLDYGAEV RVINLIGQTP ISRLVALLVR GLGTEKEDSC FELLHRAVGH  
FELRKNGTMP REVARDPQLC EKLTVLCSAP GTLKLARYA VRRSLGLQYL PDAVKGLPLP ASLKEYLLLL E

## General References

Liu Y., et al. (2003) *Biochem. Biophys. Res. Commun.* 300:972-979  
Ota T., et al. (2004) *Nat. Genet.* 36:40-45

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)