
Product Data Sheet

Product Name: ASB8 Human
 Cat. No.: GP22784
 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 Containing 8; ASB-8.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSSSMWY IMQSIQSKYS LSERLIRTIA AIRSFPHDNV EDLIRGGADV NCTHGTKLPL HCACMVSDAD CVELLEKGA EVNALDGYNR TALHYAAEKD EACVEVLLEY GANPNALDGN RDTPLHWAFF KNNAEVVRAL LESGASVNAL DYNNDTPLSW AAMKGNLESV SILLDYGAEV RVINLIGQTP ISRLVALLVR GLGTEKEDSC FELLHRAVGH FELRKNGTMP REVARDPQLC EKLTVLCSAP GTLKTLYA VRRSLGLQYL PDAVKGLPLP ASLKEYLLLL E		
Formulation	The ASB8 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.		

Introduction

ASB8 is a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex that facilitates the ubiquitination and consequent proteasomal degradation of objective 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). Avoid multiple freeze-thaw cycles.

Background

ASB8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 311 amino acids (1-288) and having a molecular mass of 34.0kDa. ASB8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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