

## Product datasheet for TP309502M

### ASB7 (NM\_024708) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human ankyrin repeat and SOCS box-containing 7 (ASB7), transcript variant 1, 100 µg   |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC209502 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)<br><br>MLHHHCRRNPQLQEELQIQAAVAAGDVHTVRKMLEQGYSPNGRDANGWTLHFSAARGKERCVRVFLEHG<br>ADPTVKDLIGGFTALHYAAMHGRARIARLMLESEYRSDIINAKSNDGWTPLVAAHYGRDSFVRLLEFK<br>AEVDPLSDKGTTPQLAIIRERSSCVKILLDHANANIDIQNGFLLRYAVIKSNHSYCRMFLQRGADTNLGR<br>LEDGQTPLHLSALRDDVLCARMLYNYGADTNTRNYEGQTPLAVSISISGSSRPCLDFLQEVTSMT<br><br><span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 30.5 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                               | <u><a href="#">NP_078984</a></u>   |
| Locus ID:                             | 140460   |


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UniProt ID: [Q9H672](#)

RefSeq Size: 1769

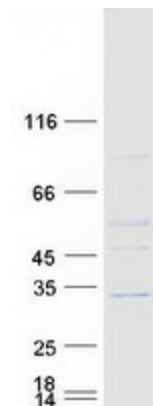
Cytogenetics: 15q26.3

RefSeq ORF: 822

**Summary:** The protein encoded by this gene belongs to a family of ankyrin repeat proteins that, along with four other protein families, contains a C-terminal SOCS box motif. Growing evidence suggests that the SOCS box acts as a bridge between specific substrate-binding domains and the more generic proteins that comprise a large family of E3 ubiquitin protein ligases. In this way, SOCS box containing proteins may regulate protein turnover by targeting proteins for polyubiquitination and, therefore, for proteasome-mediated degradation. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified ASB7 protein (Cat# [TP309502]). The protein was produced from HEK293T cells transfected with ASB7 cDNA clone (Cat# [RC209502]) using MegaTran 2.0 (Cat# [TT210002]).