

Bridging Integrator 1 Human Recombinant

Item Number	rAP-4403
Synonyms	AMPH2, AMPHL, MGC10367, SH3P9, Amphiphysin II.
Description	BIN1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 459 amino acids (1-439 a.a) and having a molecular mass of 50.4 kDa. The BIN1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	O00499
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAEMGSKGVT AGKIASNVQK KLTRAQEKVL QKLGKADETK DEQFEQCVQN FNKQLTEGTR LQKDLRTYLA SVKAMHEASK KLNELQEVY EPDWPGRDEA NKIAENN- DLL WMDYHQKLVD QALLTMDTYL GQFPDIKSRI AKRGRKLVDY DSARHHYESL QTAKKKDEAK IAKAEELIK AQKVFEEMNV DLQEELPSLW NSRVGFYVNT FQSIAGLEEN FHKEMSKLNQ NLNDVLVGLK KQHGSNTFTV KAQPSDNAPA KGNKSPSPPD GSPAATPEIR VNHEPEPAGG ATPGATLPKS PSQPAEASEV AGGTQPAAGA QEPGETAASE AASSSLPAVV VETFPATVNG
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	BIN1 protein solution (1mg/ml) containing 20mM Tris buffer pH-8, 1mM DTT & 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**