

# Recombinant Full Length Human BIN3 Protein, GST-tagged

**Cat. No.** BIN3-1628HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human BIN3 full-length ORF ( AAH01223, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 199 amino acids                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | The product of this gene is a member of the BAR domain protein family. The encoded protein is comprised solely of a BAR domain which is predicted to form coiled-coil structures and proposed to mediate dimerization, sense and induce membrane curvature, and bind small GTPases. BAR domain proteins have been implicated in endocytosis, intracellular transport, and a diverse set of other processes. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 47.63 kDa                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MSKSAVKISL DLLSNPLCEQ DQDLLNMVTA LDTAMKRMDA FNQEKVNQIQ<br>KTVIEPLKKF GSVFPSLNMA VKRREQALQD YRRLQAKVEK YEEKEKTGPV<br>LAKLHQAREE LRPVREDFEA KNRQLLEEMP RFYGSRLDYF QPSFESLIRA<br>QVYYSEMhk IFGDLShQLD QPGHSDEQRE RENEAKLSEL RALSIVADD                                                                                                                                                                          |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                    |

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**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** BIN3 bridging integrator 3 [ Homo sapiens ]

**Official Symbol** BIN3

**Synonyms** BIN3; bridging integrator 3; MGC14978

**Gene ID** 55909

**mRNA Refseq** NM\_018688

**Protein Refseq** NP\_061158

**MIM** 606396

**UniProt ID** Q9NQY0

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