

# Recombinant Full Length Human AMIGO3 Protein, GST-tagged

**Cat. No.** AMIGO3-1313HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human AMIGO3 full-length ORF ( NP_942015.1, 1 a.a. - 504 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>    | 504 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | AMIGO3 (Adhesion Molecule With Ig Like Domain 3) is a Protein Coding gene. An important paralog of this gene is AMIGO1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 81.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | <p>MTWLVLGGTL LCMLRVGLGT PDSEGFPPRA LHNCPLYKCIC AADLLSCTGL<br/> GLQDVPAELP AATADLDLSH NALQRLRPGW LAPLFQLRAL HLDHNELDAL<br/> GRGVFVNASG LRLDLSSNT LRALGRHDLD GLGALEKLLL FNNRLVHLDE<br/> HAFHGLRALS HLYLGCNELA SFSFDHLHGL SATHLLTDL SSNRLGHISV<br/> PELAALPAFL KNGLYLHNNP LPCDCRLYHL LQRWHQRGSL AVRDFAREYV<br/> CLAFKVPASR VRFFQHSRVF ENCSSAPALG LERPEEHLYA LVGRSLRLYC<br/> NTSVPAMRIA WVSPQQELLR APGSRDGSIA VLADGSLAIG NVQEQHAGLF<br/> VCLATGPRLH HNQTHEYNVS VHFPRPEPEA FNTGFTTLLG CAVGLVLVLL<br/> YLFAPPCRCC RRACRCRRWP QTPSPLQELS AQSSVLSTTP PDAPSRKASV<br/> HKHVVFLEPG RRGLNGRVQL AVAAEEFDLYN PGGLQLKAGS ESASSIGSEG PMTT</p> |

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|-----------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                    |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | AMIGO3 adhesion molecule with Ig-like domain 3 [ Homo sapiens ]                                                                                                                                  |
| <b>Official Symbol</b> | AMIGO3                                                                                                                                                                                           |
| <b>Synonyms</b>        | AMIGO3; adhesion molecule with Ig-like domain 3; amphoterin-induced protein 3; amphoterin induced gene and open reading frame 3; alivin-3; amphoterin-induced gene and ORF 3; AMIGO-3; MGC120552 |
| <b>Gene ID</b>         | 386724                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_198722                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_942015                                                                                                                                                                                        |
| <b>MIM</b>             | 615690                                                                                                                                                                                           |
| <b>UniProt ID</b>      | Q86WK7                                                                                                                                                                                           |

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