

Recombinant Human INAVA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INAVA-6689H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C1orf106 MS Standard C13 and N15-labeled recombinant protein (NP_001136041) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Expressed in peripheral macrophages and intestinal myeloid-derived cells, is required for optimal PRR (pattern recognition receptor)-induced signaling, cytokine secretion, and bacterial clearance. Upon stimulation of a broad range of PRRs (pattern recognition receptor) such as NOD2 or TLR2, TLR3, TLR4, TLR5, TLR7 and TLR9, associates with YWHAQ/14-3-3T, which in turn leads to the recruitment and activation of MAP kinases and NF-kappa-B signaling complexes that amplifies PRR-induced downstream signals and cytokine secretion.
Molecular Mass	63.5 kDa
AA Sequence	MESKDEVSDTDSGILQSGPDSPVSPMKELTHAVHKQQRLEARLEACLEELRRRLCL REAELTGTLPAEYPLKPGEKAPKVRRRRIGAAAYKLDDWALHREDPLSSLERQLALQLQ ITEAARRLCLEENLSRQARRQRKHSMLQEEKKLQELQRCLVERRRNSEPPPPAAALP LGRELSASDDSSLSDGLLLEEEESQVPKPPPESPAPPSRPLPPQTLEGLQPTGPEA GSPERAPVQNSPWKETSLDHPYEKPRKSSEPWSESSSPATTPQDGPSASSLWLL PASYHVVPIRGVPGQWQGRTSAPATPEIQGRRGQSQSLRVDSFRAGPEGRGRSAF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PRRRPTHYTVTPDSCFPATKPPLPHAACHSCSEDSGSDVSSISHPTSPGSSSPDIS
 FLQPLSPPKTHRHARGAWVPAGSRELVAHHPKLLPPGYFPAGRYVVAESPLPPGE
 WELCRAAPGPAYEEEGTPLRYQRLVPSRSRIVRTPSLKDSPAGRGLSKAAVSEELK
 WWHERARLRSTRPHSLDRQGAFRVRSPLPLGREGFGRALGPRAQVPTVCVLRSP
 DGAPVQVFVPEKGEIISQVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [INAVA innate immunity activator \[Homo sapiens \(human\) \]](#)

Official Symbol [INAVA](#)

Synonyms INAVA; innate immunity activator; C1orf106; innate immunity activator protein; uncharacterized protein C1orf106

Gene ID [55765](#)

mRNA Refseq [NM_001142569](#)

Protein Refseq [NP_001136041](#)

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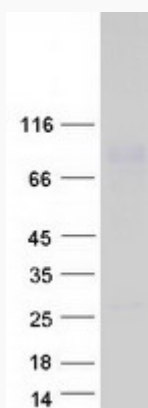
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MIM 618051

UniProt ID Q3KP66

SDS-PAGE



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