

INAVA 抗原（重组蛋白）

中文名称：NAVA 抗原（重组蛋白）

英文名称： INAVA Antigen (Recombinant Protein)

别名： innate immunity activator; C1orf106

储存： 冷冻（-20℃）

相关类别 抗原

概述

Fusion protein corresponding to a region derived from 464-663 amino acids of human INAVA

技术规格

Full name:	innate immunity activator
Synonyms:	C1orf106
Swissprot:	Q3KP66
Gene Accession:	BC106877
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 complex

s that amplifies PRR-induced downstream signals and cytokine secretion (PubMed:28436939). In the intestine, regulates adherens junction stability by regulating the degradation of CYTH1 and CYTH2, probably acting as substrate cofactor for SCF E3 ubiquitin-protein ligase complexes. Stabilizes adherens junctions by limiting CYTH1-dependent ARF6 activation (PubMed:29420262).