

OLFM3 抗原（重组蛋白）

中文名称： OLFM3 抗原（重组蛋白）

英文名称： OLFM3 Antigen (Recombinant Protein)

别名： olfactomedin 3; NOE3; NOELIN3; OPTIMEDIN

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 250 amino acids of human OLFM3

技术规格

Full name:	olfactomedin 3
Synonyms:	NOE3; NOELIN3; OPTIMEDIN
Swissprot:	Q96PB7
Gene Accession:	BC022531
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	OLFM3 (olfactomedin 3), also known as NOE3, is a 478 amino acid protein that interacts with myocilin. Myocilin is an extracellular protein that plays a key role in the actomyosin system and is responsible for controlling intraocular pressure. OLFM3 is a secreted protein that contains an olfactomedin-like (OLF) domain, an approximately 260 amino acid motif commonly found in secreted glycoproteins. OLFM3 localizes to the Golgi apparatus of the cell and is highly expressed in both eye and brain tissue. Mutations in the gene that encodes OLFM3 may cause severe glaucoma, a condition in which increased intraocular pressure within the eyeball causes loss of eye sight.