

MR1 抗原（重组蛋白）

中文名称：MR1 抗原（重组蛋白）

英文名称：MR1 Antigen (Recombinant Protein)

别名：major histocompatibility complex, class I-related; HLALS

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 110-257 amino acids of human MR1

技术规格

Full name:	major histocompatibility complex, class I-related
Synonyms:	HLALS
Swissprot:	Q95460
Gene Accession:	BC012485
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	MAIT (mucosal-associated invariant T-cells) lymphocytes represent a small population of T-cells primarily found in the gut. The protein encoded by this gene is an antigen-presenting molecule that presents metabolites of microbial vitamin B to MAITs. This presentation may activate the MAITs to regulate the amounts of specific types of bacteria in the gut. Several transcript variants encoding different isoforms have been found for this gene, and a pseudogene of it has been detected about 36 kbp upstream on the same chromosome.