Recombinant Human MR1 & B2M protein, Biotinylated

Cat. No. MR1 & B2M-0491H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MR1 & B2M protein(Arg23-Met302), fused with N/A tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-302 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	Molecular CharacterizationThis protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 36.3 kDa and 11.7 kDa. The protein migrates as 42-45 kDa and 13 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Arg23-Met302
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	MR1 major histocompatibility complex, class I-related [Homo sapiens]
Official Symbol	MR1
Synonyms	MR1; major histocompatibility complex, class I-related; HLALS, major histocompatibility complex, class I like sequence; major histocompatibility complex class I-related gene protein; MHC class I-like antigen MR-1; MHC class I-related gene protein; MHC class-I related-gene protein; class I histocompatibility antigen-like protein; major histocompatibility complex, class I-like sequence; HLALS; FLJ31593;
Gene ID	3140
mRNA Refseq	NM_001194999
Protein Refseq	NP_001181928
MIM	600764
UniProt ID	Q95460

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