Recombinant Human MRC2 Protein, His tagged

Cat. No. MRC2-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MRC2 Protein (800-1059 aa) with C-His tag was expressed in Baculovirus-Insect cells.
Species	Human
Source	Insect cells
ProteinLength	800-1059 aa
Description	This gene encodes a member of the mannose receptor family of proteins that contain a fibronectin type II domain and multiple C-type lectin-like domains. The encoded protein plays a role in extracellular matrix remodeling by mediating the internalization and lysosomal degradation of collagen ligands. Expression of this gene may play a role in the tumorigenesis and metastasis of several malignancies including breast cancer, gliomas and metastatic bone disease.
Source	Insect cells
Species	Human
Tag	C-His
Molecular Weight	32 kDa
AA Sequence	MCDTQLDWICKIPRGTDVREPDDSPQGRREWLRFQEAEYKFFEHHSTWAQAQRIC

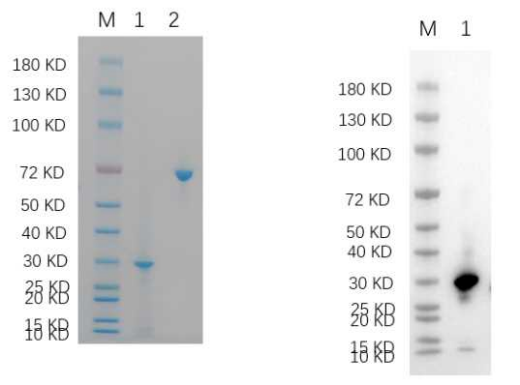
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	TWFQAELTSVHSQAELDFLSHNLQKFSRAQEQHWWIGLHTSESDGRFRWTDGSIIN FISWAPGKPRPVGKDKKCVYMTASREDWGDQRCLTALPYICKRSNVTKETQPPDLP TTALGGCPSDWIQFLNKCFQVQGQEPQSRVKWSEAQFSCEQQEAQLVTITNPLEQ AFITASLPNVTFDLWIGLHASQRDFQWVEQEPLMYANWAHHHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 10% Glycerol, 5% Trehalose, 0.5% SKL
Concentration	1 mg/mL by Bradford

GENE INFORMATION

Gene Name	MRC2 mannose receptor, C type 2 [Homo sapiens (human)]
Official Symbol	MRC2
Synonyms	MRC2; mannose receptor, C type 2; C-type mannose receptor 2; CD280; CLEC13E; ENDO180; KIAA0709; endocytic receptor 180; UPAR-associated protein; macrophage mannose receptor 2; C-type lectin domain family 13 member E; endocytic receptor (macrophage mannose receptor family); urokinase-type plasminogen activator receptor-associated protein; UPARAP; FLJ35911
Gene ID	9902
mRNA Refseq	NM_006039

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Protein Refseq	NP_006030
MIM	612264
UniProt ID	Q9UBG0
Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profiles of purified MRC2.	 1. MRC2 2. BSA

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