

Recombinant Human MBL2 Protein (21-248 aa), His-tagged

Cat. No. MBL2-1453H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MBL2 Protein (21-248 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	21-248 aa
Description	Calcium-dependent lectin involved in innate immune defense. Binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin complement pathway. Binds to late apoptotic cells, as well as to apoptotic blebs and to necrotic cells, but not to early apoptotic cells, facilitating their uptake by macrophages. May bind DNA.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	26.0 kDa
AA Sequence	ETVTCEDAQKTCPAVIACSSPGINGFPGKDGRDGTKGEKGEPGQGLRGLQGPPGK LGPPGNPSPGSPGPKGQKGDGKSPDGDSSLAASERKALQTEMARIKKWLTFSL GKQVGNKFFLTNGEIMTFEKVKALCVKFQASVATPRNAAENGAIQNLIKEEAFLGITD EKTEGQFVDLTGNRLTYTNWNEGEPNAGSDEDCVLLKNGQWNDVPCSTSHLAV CEFPI

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	MBL2 mannose-binding lectin (protein C) 2, soluble [Homo sapiens]
Official Symbol	MBL2
Synonyms	MBL2; COLEC1; collectin-1; MBL; MBP; MBP1; MBL2D; MBP-C; HSMBPC; MGC116832; MGC116833;
Gene ID	4153
mRNA Refseq	NM_000242
Protein Refseq	NP_000233
MIM	154545
UniProt ID	P11226

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