

Recombinant Human MIA2 protein

Cat. No. MIA2-950H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MIA2 protein was expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	100
Description	Melanoma Inhibitor Activity Protein 2 (MIA-2) encoded by MIA2 gene in humans, is a secreted cytokine that is highly expressed in liver and weakly in testis. The patients with severe fibrosis or inflammation and chronic hepatitis have higher level of MIA2 than other. Levels of MIA2 may severe as a clinically utility marker for diagnosis of hepatic disease activity and severity. The MIA2 is a member of the MIA/OTOR family, which also includes MIA, OTOR, and TANGO, and they share a Src homology-3 (SH3)-like domain.
Form	Lyophilized from a 0.2µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Molecular Mass	Approximately 11.4 kDa, a single non-glycosylated polypeptide chain containing 100 amino acids.
AA Sequence	LESTKLLADLKKCGDLECEALINRVSAMRDYRGPDCRYLNFTKGEEISVYVKLAGER EDLWAGSKGKEFGYFPRDAVQIEEVFISEEIQMSTKESDFLCL

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Endotoxin	Less than 1 EU/g of rHuMIA2 as determined by LAL method.
Purity	>97% by SDS-PAGE and HPLC analysis.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤-20 centigrade. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	MIA2
Official Symbol	MIA2
Synonyms	MIA2; melanoma inhibitory activity 2; melanoma inhibitory activity protein 2; FLJ22404;
Gene ID	117153
mRNA Refseq	NM_054024
Protein Refseq	NP_473365
MIM	608001

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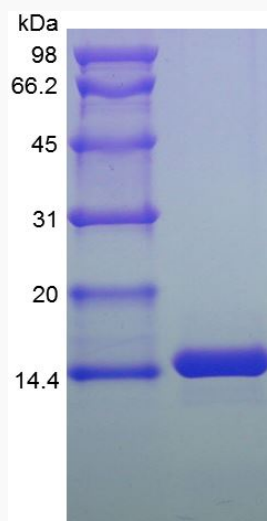
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UniProt ID

Q96PC5

SDS-PAGE of MIA2-950H



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