HB220509

Recombinant Human Melanoma Inhibitor Activity Protein 2 (Human MIA-2)

Product Information

Product Name	Cat#	Size
Recombinant Human Melanoma Inhibitor Activity Protein 2 (Human MIA-2)	92564ES08	5 μg
	92564ES60	100 μg
	92564ES76	500 μg

Product 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.

Product Properties

Synonyms	Melanoma inhibitory activity protein 2, MIA2
Accession	Q96PC5
GeneID	117153
Source	E.coli-derived human MIA-2 protein, Leu20-Leu119.
Molecular Weight	Approximately 11.4 kDa.
AA Sequence	LESTKLLADL KKCGDLECEA LINRVSAMRD YRGPDCRYLN FTKGEEISVY VKLAGEREDL WAGSKGKEFG YFPRDAVQIE EVFISEEIQM STKESDFLCL
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	>97% by SDS-PAGE and HPLC analyses.
Biological Activity	Testing in progress.
Endotoxin	< 1.0 EU per 1μg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl.
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℃. Further dilutions should be made in appropriate buffered solutions.

Shipping and Storage

The products are shipped with ice pack and can be stored at -20℃ to -80℃ for 1 year.
Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

Cautions

1. Avoid repeated freeze-thaw cycles.
2. For your safety and health, please wear lab coats and disposable gloves for operation.

3. For research use only!