

Product Data Sheet

Product Name: Mouse Hemoglobin

Cat. No.: GC81630

Chemical Properties

Cas. No.

Formula

M.Wt

Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Mouse Hemoglobin

Background

Mouse Hemoglobin is a hemoglobin derived from mouse. Hemoglobin is a iron-containing protein in red blood cells with oxygen binding properties. Hemoglobin is an inducer of HO-1. Hemoglobin

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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consists of heme, which binds to oxygen. Hemoglobin also transports other gases, such as carbon dioxide, nitric oxide, hydrogen sulfide and sulfide. Hemoglobin absorbs unneeded oxygen in tissues, as an antioxidant [1].

References:

[1]. Ahmed MH, Ghatge MS, Safo MK. Hemoglobin: Structure, Function and Allostery. Subcell Biochem. 2020;94:345-382.

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