Eye Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	Eye, Lysate
Full Product Name	Eye Lysate
Host	Rat
Concentration	2 mg/mL (lot specific)
Preparation and Storage	Store at 2-8 degree C for continuous use. For extended storage, freeze working aliquots at -70 degree C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.
Species	Rat
Source	Rat eye tissue from outbred Sprague Dawley Albino rat
Buffer	Eye lysate is supplied in SDS sample buffer containing 5% Beta-mercaptoethanol.
By Type	Tissue
Tissue/Cell Type	Eye
Tissue by Dagnosis	Normal
Identification	Normal
Tissue by Species	Rat
Applications Tested/Suitable for Eye lysate	Western Blot (WB)
Related Product Information for Eye lysate	Eye tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 mug/ml of aprotinin, 5 mug/ml of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% ?-mercaptoethanol.
Other Notes	Small volumes of Eye lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Eye purchase	MBS151688 is a lysate targeting Eye. Host: Rat.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Eye. It may not necessarily be applicable to this product.

Protein Family	Eye-specific diacylglycerol kinase
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