

Product Datasheet

Mouse IL1B protein (Active) (orb359006)

Description Recombinant mouse IL1B active protein

Endotoxins Less than 1.0 EU/μg as determined by LAL method.

Preservatives Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4, with 5 % trehalose,

0.02 % Tween-20

Form/Appearance Lyophilized powder

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°C/-80°C. The shelf life of lyophilized form is

12 months at -20°C/-80°C.

Tag Tag-Free

Note For research use only

Application notesWe recommend that this vial be briefly centrifuged prior to opening to bring the

contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final

concentration of glycerol is 50%. Customers could use it as reference.

Protein Sequence VPIRQLHYRLRDEQQKSLVLSDPYELKALHLNGQNINQQVIFSMSFVQGEPSNDKIPVALGL

KGKNLYLSCVMKDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEFPNWYIST

SQAEHKPVFLGNNSGQDIIDFTMESVSS

Biologically Active? Yes

Biological Activity Fully biologically active when compared to standard. The ED50 as determined by

a cell proliferation assay using murine D10S cells is less than 2 pg/ml,

corresponding to a specific activity of $\square 5.0 \times 108$ IU/mg.

Purity > 96% as determined by SDS-PAGE and HPLC.

Source E.Coli

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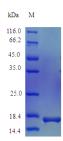




MW 17.5 kDa

Uniprot ID P10749

Expiration Date 6 months from date of receipt.



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