

Recombinant Mouse PLA2G2D Protein (Met1-Cys144), HlgG1 Fc-tagged

Cat. No. PLA2G2D-902M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PLA2G2D Protein (NP_035239.1) (Met1-Cys144) was produced by HEK293 Cells expression system. This protein was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Cys144
Predicted N Terminal	Gly 20
Form	Lyophilized from sterile PBS, 10 % glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse PLA2G2D consists of 363 amino acids and predicts a molecular mass of 41 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Pla2g2d phospholipase A2, group IID [<i>Mus musculus</i>]
Official Symbol	PLA2G2D
Synonyms	PLA2G2D; PLA2IID; sPLA2-IID; GIID sPLA2; mGIID; Splash; MGC130437;
Gene ID	18782
mRNA Refseq	NM_011109
Protein Refseq	NP_035239
UniProt ID	Q9WVF6

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