

## GPR146 Protein, Mouse (Cell-Free, His)

Cat. No.:	HY-P702303
Synonyms:	Probable G-protein coupled receptor 146
Species:	Mouse
Source:	E. coli Cell-free
Accession:	Q99LE2 (M1-A333)
Gene ID:	80290
Molecular Weight:	39.4 kDa

### PROPERTIES

#### AA Sequence

MWSCGPLNST	AWAEEPLCRN	LRLGLWVLSL	LYLGAGVPVS
LGYNALLVLA	NLASKNTMTM	PDVYFVNMAV	AGLVLTALAP
AYLLGPAHSR	WALWSLSSEA	HVTLLILFNV	ASLVTMYSTA
LLSLDYIYIER	ALPRTYMASV	YNTRHVCGFV	WGGAVLTSFS
SLLFYICSHV	SSRIAECARM	QNTAADAAIL	VLIGYVVPGL
AVLYALALIS	RIGKEDTPLD	QDTSRLDPSV	HRLLVATVCT
QFGLWTPYYL	SLGHTVLTSR	GRTVEGHYLG	ILQVAKDLAK
FLAFSSSSVT	PLLYRYINKA	FPGKLRRLMK	KMHCGRRHCS
PDPSGIQQVM	AQA		

#### Appearance

Lyophilized powder.

#### Formulation

Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

#### Endotoxin Level

<1 EU/µg, determined by LAL method.

#### Reconstitution

It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.

#### Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

#### Shipping

Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

#### Background

The GPR146 protein is classified as an orphan receptor, meaning its specific ligand or function has not yet been identified.

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

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