

**HDFP609**

## Product Information

<b>Product SKU:</b>	HDFP609	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	GL1	<b>Tag:</b>	C-Flag Tag		

## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q6EEV4
<b>Molecular Weight:</b>	The human full length GL1 protein has a MW of 15.1kDa		

## Protein Information

<b>Background:</b>	This gene encodes a subunit of a specific form of RNA polymerase II termed Pol II(G). The encoded protein may act as a negative regulator of transcriptional activation by the Mediator complex. Alternative splicing results in multiple transcript variants. There is a pseudogene for this gene on chromosome 4. Readthrough transcription between this gene and the neighboring upstream gene MYZAP (myocardial zonula adherens protein) is represented with GenelD 145781. [provided by RefSeq, Oct 2013]
<b>Synonyms:</b>	GCOM1, GRINL1A, Gdown, Gdown1
<b>Protein Description:</b>	Human GL1 full length protein-synthetic nanodisc
<b>Formulation:</b>	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
<b>Protein Pathways:</b>	-
<b>Protein Families:</b>	Ion Channels: Other.
<b>Usage:</b>	Research use only

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.