GUCY2C/Guanylyl cyclase C Protein, Mouse (HEK293, N-His, C-Myc)

Cat. No.:	HY-P700603
Synonyms:	Guanylyl cyclase C; GC-C; STAR; GUCY2C; GUC2C; STA receptor; DIAR6; EC 4.6.1; GCC; GUC2CEC 4.6.1.2; MUCIL
Species:	Mouse
Source:	HEK293
Accession:	Q3UWA6 (V20-M433)
Gene ID:	14917
Molecular Weight:	52.1 kDa

PROPERTIES

AA Sequence	V F W A S Q V R Q N C R N G S Y E I S V L M M D N S A Y K E P M Q N L R E A V E E G L D I V R K R L R E A D L N V T V N A T F I Y S D G L I H K S G D C R S S T C E G L D L L R E I T R D H K M G C A L M G P S C T Y S T F Q M Y L D T E L N Y P M I S A G S Y G L S C D Y K E T L T R I L P P A R K L M Y F L V D F W K V N N A S F K P F S W N S S Y V Y K N G S E P E D C F W Y L N A L E A G V S Y F S E V L N F K D V L R R S E Q F Q E I L T G H N R K S N V I V M C G T P E S F Y D V K G D L Q V A E D T V V I L V D L F S N H Y F E E N T T A P E Y M D N V L V L T L P S E Q S T S N T S V A E R F S S G R S D F S L A Y L E G T L L F G H M L Q T F L E N G E N V T G P K F A R A F R N L T F Q G F A G P V T L D D S G D I D N I M S L L Y V S L D T R K Y K V L M K Y D T H K N K T I P V A E N P N F I W K N H K L P N D V P G L G P Q I L M
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of Tris-based buffer，50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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	GUCY2C, a guanylyl cyclase, plays a crucial role in catalyzing the synthesis of cyclic (cGMP) from GTP.

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