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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GUCY1B3 (Human) Recombinant Protein (P01)

Catalog Number: H00002983-P01

Regulation Status: For research use only (RUO)

Product Description: Human GUCY1B3 full-length ORF (AAH47620, 1 a.a. - 619 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MYGFVNHAELELLVIRNYGPEVWEDIKKEAQLDEEGQF
LVRIYDSSKTYDLVAAASKVLNLNAGEILQMFGKMFV
FCQESGYDTILRVLGSNVREFLQNLDALHDHLATIYPG
MRAPSFRCCTDAEKGKGLILHYYSERELQDIVIGIKTV
AQQIHGTEIDMKVIQQRNEECDHTQFLIEEKESKEEDF
YEDLDRFEENG TQESRISPYTFCKAFPFFHIIFDRDLVVT
QCGNAIYRVLPQLQPGNCSLLSVFSLVRPHIDISFHGIL
SHINTVFVLRSEKGLLDVEKLECEDELGTGEISCLRLKQ
QMIYLP EADSILFLCSPSVMNLDDLTRRGLYLSDIPLHD
ATRDLLVLLGEQFREEYKLTQELEILTDRQLTLRALEDE
KKKTDLLYSVLPSPVANELRHKRPVPAKRYDNVTILF
SGIVGFNAFCSKHASGEGAMKIVNLLNDLYTRFDLTD
SRKNPFVYKVVETVGDKYMTVSGLPEPCIHHARSICHLA
LDMMEIAGQVQVDGESVQITIGIHTGEVVTGVIGQRMP
RYCLFGNTVNLTSRTETTGEKGINVSEYTYRCLMSPE
NSDPQFHLEHRGPVSMKGGKKEPMQVWFLSRKNTGTGTE
ETKQDDD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 93.61

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2983

Gene Symbol: GUCY1B3

Gene Alias: GC-S-beta-1, GC-SB3, GUC1B3, GUCB3, GUCSB3, GUCY1B1

Gene Summary: Soluble guanylate cyclase (sGC), a heterodimeric protein consisting of an alpha subunit and a beta subunit, typically GUCY1B3, catalyzes conversion of GTP to the second messenger cGMP and functions as the main receptor for nitric oxide (NO) and nitrovasodilator drugs (Zabel et al., 1998 [PubMed 9742212]).[supplied by OMIM]