

Product Datasheet

Recombinant Human GABA-AR alpha 1 GST (N-Term) Protein H00002554-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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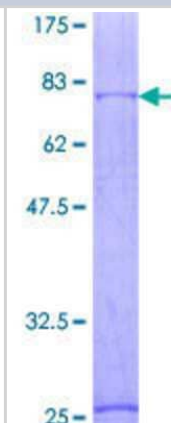
H00002554-P01-2ug**Recombinant Human GABA-AR alpha 1 GST (N-Term) Protein**

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	78.2 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-456 of Human GABRA1 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MRKSPGLSDCLWAWILLSTLTGRSYGQPSLQDELKDNTTVFTRILDRLLDGYD NRLRPGLGERVTEVKTDIFVTSFGPVSDHDMETIDVFFRQSWKDERLKFKGP MTVLRNLNLMASKIWTPDTFFHNGKKSVAHNMTMPNKLLRITEDGTLLYTMRLT VRAECPMHLEDFPMDAHACPLKFGSYAYTRAENVYEWTPREPARSVVVAEDGS RLNQYDLLGQTVDSGIVQSSTGEYVVMTHFHLKRKIGYFVIQTYLPCIMTVILS QVSFWLNRESVPARTVFGVTTVLMTTSLISARNSLPKVAYATAMDWFIACVYA FVFSALIEFATVNYFTKRGYAWDGKSVVPEKPKKVKDPLIKKNNTYAPTATSYT PNLARGDPGLATIAKSATIEPKVKPETKPPEPKKTFNSVSKIDRLSRIAPLLFG IFNLVYWATYLNREPQLKAPTPHQ
Gene ID	2554
Gene Symbol	GABRA1
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Immunoprecipitation, Protein Array, Immunoaffinity Purification
Application Notes	Use in functional reported in scientific literature (PMID 26945068).



Images

Recombinant Human GABA-A R alpha 1 Protein [H00002554-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Di XJ, Wang YJ, Han DY et al. Grp94 Delivers gamma-aminobutyric Acid Type A (GABAA) Receptors to Hrd1-Mediated Endoplasmic Reticulum-Associated Degradation. J. Biol. Chem. 2016-03-04 [PMID: 26945068] (Func)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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