

Product Datasheet

Recombinant Human STAT3 GST (N-Term) Protein H00006774-P01-10ug

Unit Size: 10 ug

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

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H00006774-P01-10ug**Recombinant Human STAT3 GST (N-Term) Protein**

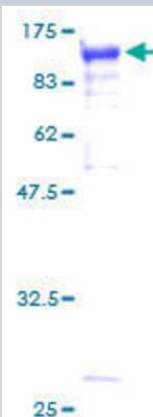
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	110.11 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-769 of Human STAT3 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MAQWNQLQQLDTRYLEQLHQLYSDSFPMELRQFLAPWIESQDWAYAASKES HATLVFHNLLGEIDQQYSRFLQESNVLYQHNLRRRIKQFLQSRYLEKPMEIARIVA RCLWEESRLLQTAATAAQGGQANHPTAAVVTEKQQMLEQHLQDVRKRVQD LEQKMKVVENLQDDDFNYKTLKSQGDMQDLNGNNQSVTRQKMQQLEQMLT ALDQMRRSIVSELAGLLSAMEYVQKTLTDEELADWKRRQQIACIGGPPNICLDR LENWITSLAESQLQTRQQIKKLEELQQKVSYKGDPIVQHRPMLEERIVELFRNL MKSAFVVERQPCMPMHPDRPLVIKTGVQFTTKVRLLVKFPELNYQLKIKVCIDK DSGDVAALRGSRKFNILGTNTKVMNMEESNNGSLSAEFKHLTLREQRCGNGG RANCDA SLIVTEELHLITFETEVYHQGLKIDLETHSLPVVISNICQMPNAWASIL WYNMLTNNPKNVNFFTKPPIGTWDQVAEVLWQFSSTTKRGLSIEQLTTLAEK LLGPGVNYSGCQITWAKFCKENMAGKGFSEFWVWLDNIIDLVKYILALWNEGYI MGFISKERERAILSTKPPGTFLRFSESSKEGGVTFTWVEKDISGKTQIQSVEPY TKQQLNNMSFAEIIIMGYKIMDATNILVSPLVYLYPDIPKEEAFGKYCRPESQEHP EADPGAAPYLKTKFICVTPPTCSNTIDLPMSPRTLDSLMMQFGNNGEGAEPSAG GQFESLTFDMELTSECATSPM
Gene ID	6774
Gene Symbol	STAT3
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, In vitro assay, Protein Array, SDS-Page, Immunoaffinity Purification



Recommended Dilutions	Western Blot, ELISA, In vitro assay, SDS-Page, Protein Array, Immunoaffinity Purification
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Images

SDS-Page: Recombinant Human STAT3 Protein [H00006774-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Hao Jiang, Yang Wang, Doudou Wen, Rongji Yu, Sayed S Esa, Kefeng Lv, Qing Feng, Jing Liu, Faxiang Li, Lan He, Xiaotang Di, Shubing Zhang Targeting C21orf58 is a Novel Treatment Strategy of Hepatocellular Carcinoma by Disrupting the Formation of JAK2/C21orf58/STAT3 Complex Advanced Science 2024-02-11 [PMID: 38342622]

Edward M, Jordan G, Christopher M et al. A Model of Differential Mammary Growth Initiation by Stat3 and Asymmetric Integrin- β Inheritance. Cell Rep. 2020-03-17 [PMID: 32187533]

Rozovski U, Harris DM, Li P et al. Constitutive Phosphorylation of STAT3 by the CK2-BLNK-CD5 Complex Mol. Cancer Res 2017-01-27 [PMID: 28130399] (In vitro, Plant)

Qian Y, Chai S, Liang Z et al. KIF5B-RET fusion kinase promotes cell growth by multilevel activation of STAT3 in lung cancer. Mol Cancer. 2014-07-21 [PMID: 25047660]

Leung KH, Liu LJ, Lin S et al. Discovery of a small-molecule inhibitor of STAT3 by ligand-based pharmacophore screening. Methods. 2014-08-24 [PMID: 25160651]





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Products Related to H00006774-P01-10ug

H00006774-Q01-10ug	Recombinant Human STAT3 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
MAB1799	STAT3 Antibody (232209) [Unconjugated]
DVE00	VEGF [HRP]

Limitations

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