

Product Datasheet

Recombinant Human beta-TrCP1/BTRC GST (N-Term) Protein

H00008945-P01-10ug

Unit Size: 10 ug

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

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H00008945-P01-10ug

Recombinant Human beta-TrCP1/BTRC 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 | 95.3 kDa |
| Product Description | |
| Description | <p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-605 of Human BTRC</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MDPAEAVLQEKALKFMCSMPRSLWLGCSLADSMPSLRCLYNPGTGALTAFC NSSEREDCNNGEPPRKIIPEKNSLRQTYNSCARLCLNQETVCLASTAMKTENC VAKTKLANGTSSMIVPKQRKLSASYEKEKELCVKYFEQWSESDQVEFVEHLIS QMCHYQHGHIINSYLKPMQLQRDFITALPARGLDHIAENILSYLDAKSLCAAELVCK EWYRVTS DGMLWKKLIERMVRTDSLWRGLAERRGWGQYLFKNKPPDGNAPP NSFYRALYPKIIQDIETIESNWRCGRHSLQRIHCRSETSKGVYCLQYDDQKIVSG LRDNTIKIWDKNTLECKRILTGHGTGSVLCLQYDERVIITGSSDSTVRVVDVNTGE MLNTLIHHCEAVLHLRFNNGMMVTCSKDRSIAVWDMASPTDITLRRVLVGHRA AVNVVDFDDKYIVSASGDRTIKVWNTSTCEFVRTLNHGKRGIAQLQYRDRLVVS GSSDNTIRLWDIECGACLRLVLEGHEELVRCIRFDNKRIVSGAYDGKIKVWDLVA ALDPRAPAGTLCLRTLVEHSGRVFRLQFDEFQIVSSSHDDTILIWDFLNDPAAQ AEPPRSPSRITYTYISR</p> |
| Gene ID | 8945 |
| Gene Symbol | BTRC |
| 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 immunoprecipitation reported in scientific literature (PMID 24451375) |



Images

SDS-Page: Recombinant Human beta-TrCP1/BTRC Protein [H00008945-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Gray KM, Kaifer KA, Baillat D et al. Self-oligomerization regulates stability of Survival Motor Neuron (SMN) protein isoforms by sequestering an SCFS^{lmb} degron *Mol. Biol. Cell.* 2017-11-22 [PMID: 29167380] (Human)

Zhang Y, Wang W, Cai S et al. Reciprocal Regulation Between BTrCP and Smurf1 Suppresses Proliferative Capacity of Liver Cancer Cells. *J Cell Physiol* 2017-01-07 [PMID: 28063214]

Gao C, Chen G, Romero G et al. Induction of Gsk3B-beta-TrCP Interaction Is Required for Late Phase Stabilization of beta-catenin in Canonical Wnt Signaling. *J. Biol. Chem.* 2014-01-23 [PMID: 24451375] (IP)



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Products Related to H00008945-P01-10ug

| | |
|---------------|---|
| NBP2-58651PEP | beta-TrCP1/BTRC Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBP2-61712 | beta-TrCP1/BTRC Antibody (4C5D8) - BSA Free |
| 255-SC-010 | SCF/c-kit Ligand [Unconjugated] |

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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