

Product Datasheet

Recombinant Human Smoothed Protein H00006608-G01

Unit Size: 10 ug

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

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H00006608-G01**Recombinant Human Smoothened 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	Glycerol
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	25 mM Tris-HCl pH8.0 in 2% glycerol.
Target Molecular Weight	86.4 kDa
Product Description	
Description	An untagged recombinant protein corresponding to the amino acid sequence of (NP_005622.1) for Human Smoothened Source: <i>Wheat Germ (in vitro) with proprietary liposome technology</i> Amino Acid Sequence: MAAARPARGPELPLLGLLLLLLLGDPGRGAASSGNATGPGPRSAGGSARRSA AVTGPPPPLSHCGRAAPCEPLRYNVCLGSVLPYGATSTLLAGDSDSQEEAHG KLVLWSGLRNAPRCWAVIQPLLCAVYMPKCENDRVLPSTLCQATRGPCAIV ERERGWPDFLRCTPDRFPEGCTNEVQNIKFNSSGQCEVPLVRTDNPKSWYED VEGCGIQCQNPLFTEAEHQDMHSYIAAFGAVTGLCTLFTLATFVADWRNSNRY PAVILFYVNACFFVGSIGWLAQFMDGARREIVCRADGTMRLGEPTSNETLSCVII FVIVYYALMAGVWVFWLTYAWHTSFKALGTTYQPLSGKTSYFHLLTWSLPFVL TVAILAVAQVDGDSVSGICFVGYNRYRAGFVLAPIGLVLIVGGYFLIRGVMTL FSIKSNHPGLLSEKAASKINETMLRLGIFGFLAFGFVLITFSCHFYDFFNQAWE RSFRDYVLCQANVTIGLPTKQPIPDCEIKNRPSLLVEKINLFAMFGTGIAMSTWV WTKATLLIWRRTWCRLTGQSDDEPKRIKSKMIAKAFSKRHELLQNPGQELSF SMHTVSHDGPVAGLAFDLNEPSADVSSAWAQHVTKMVARRGAILPQDISVTPV ATPVPPEEQANLWLVEAEISPELQKRLGRKKKRRKRKKEVCPLAPPELHPPA PAPSTIPRLPQLPRQKCLVAAGAWGAGDSCRQGAWTLVSNPFCPEPSPPQDP FLPSAPAPVAWAHGRRQGLGPIHSRTNLMDTELMADDSDF
Gene ID	6608
Gene Symbol	SMO
Species	Human
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
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	Immunoaffinity Purification
Recommended Dilutions	Immunoaffinity Purification



Publications

Nannan T, Huanxian W, Huiwu Z et al. Discovery of [1,2,4]triazolo[4,3-a]pyridines as potent Smoothened inhibitors targeting the Hedgehog pathway with improved antitumor activity in vivo. *Bioorg Med Chem*. 2020-06-15 [PMID: 32690258]

Li J, Hu K, Zhang Y et al. Highly sensitive detection of Smoothened based on the drug binding and rolling cycle amplification. *Anal Bioanal Chem*. 2019-06-18 [PMID: 31214754]





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Products Related to H00006608-G01

H00006608-Q02-10ug	Recombinant Human Smoothened GST (N-Term) Protein
AF3690	GLI-3 Antibody
MAB10276-100	Smoothened Antibody (1015418) [Unconjugated]
464-SH-025	Sonic Hedgehog/Shh [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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