

N-acetylmuramoyl-L-alanine amidase Recombinant Protein | PGLYRP2 recombinant protein

Recombinant Human N-acetylmuramoyl-L-alanine amidase

CATALOG # AAA117267	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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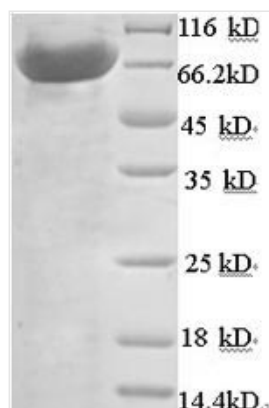
PRODUCT SYNONYMS

N-acetylmuramoyl-L-alanine amidase; Recombinant Human N-acetylmuramoyl-L-alanine amidase; Peptidoglycan recognition protein 2; Peptidoglycan recognition protein long; PGRP-L; PGLYRP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-576aa; Full Length of Mature Protein
Sequence	SLPLLMSVI QALAELEQKV PAAKTRHTAS AWLMSAPNSG PHNRLYHFLG GAWSLNATEL DPCPLSPELL GLTKEVARHD VREGKEYGVV LAPDGSTVAV EPLLAGLEAG LQGRRVINLP LDSMAAPWET GDTFFPDVVAI APDVRATSSP GLRDGSPDVT TADIGANTPD ATKGCPDVQA SLPDAKAKSP PTMVDSELLAV TLAGNLGLTF LRGSQTQSHP DLGTEGCWDQ LSAPRTFTLL DPKASLLTMA FLNGALDGVI LGDYLSTPE PRPSLSHLLS QYYGAGVARD PGFRSNFRRQ NGAALTSASI LAQQVWGTIV LLQRLEPVHL QLCMSQEQV AQVAANATKE FTEAFLGCPA IHPRCRWGAA PYRGRPKLLQ LPLGLYVHH TYVPAPPCTD FTRCAANMRS MQRYHQDTQG WGDIGYSFVV GSDGYVYEGR GWHWVGAHTL GHNSRGFGVA IVGNYTAALP TEAALRTVRD TLPSCAVRAG LLRPDYALLG HRQLVRTDCP GDALFDLLRT WPHFTATVKP RPARSVSKRS RREPPPTLP ATDLQ
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PGLYRP2 recombinant protein	May play a scavenger role by digesting biologically active peptidoglycan (PGN) into biologically inactive fragments. Has no direct bacteriolytic activity.
Product Categories/Family for PGLYRP2 recombinant protein	Immunology
References	Peptidoglycan recognition proteins a novel family of four human innate immunity pattern recognition molecules.Liu C., Xu Z., Gupta D., Dziarski R.J. Biol. Chem. 276:34686-34694(2001) Expression profiling and differential screening between hepatoblastomas and the corresponding normal livers identification of high expression of the PLK1 oncogene as a poor-prognostic indicator of hepatoblastomas.Yamada S., Ohira M., Horie H., Ando K., Takayasu H., Suzuki Y., Sugano S., Hirata T., Goto T., Matsunaga T., Hiyama E., Hayashi Y., Ando H., Suita S., Kaneko M., Sasaki F., Hashizume K., Ohnuma N., Nakagawara A.Oncogene 23:5901-5911(2004) The secreted protein discovery initiative (SPDI) , a large-scale effort to identify novel human secreted and transmembrane proteins a bioinformatics assessment.Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D.T., Brush J., Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P., Eaton D., Foster J.S., Grimaldi C., Gu Q., Hass P.E., Heldens S., Huang A., Kim H.S., Klimowski L., Jin Y., Johnson S., Lee J., Lewis L., Liao D., Mark M.R., Robbie E., Sanchez C., Schoenfeld J., Seshagiri S., Simmons L., Singh J., Smith V., Stinson J., Vagts A., Vandlen R.L., Watanabe C., Wieand D., Woods K., Xie M.-H., Yansura D.G., Yi S., Yu G., Yuan J., Zhang M., Zhang Z., Goddard A.D., Wood W.I., Godowski P.J., Gray A.M.Genome Res. 13:2265-2270(2003) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156616294
NCBI GeneID	114770
NCBI Accession #	NP_443122.3
NCBI GenBank Nucleotide #	NM_052890.3
UniProt Accession #	Q96PD5; Q68CK1; Q96N74; Q9UC60; A8K050; A8K8C7; B2RMZ2; B7ZM33
Molecular Weight	62 kDa
NCBI Official Full Name	N-acetylmuramoyl-L-alanine amidase
NCBI Official Synonym Full Names	peptidoglycan recognition protein 2
NCBI Official Symbol	PGLYRP2
NCBI Official Synonym Symbols	tagL; PGRPL; PGRP-L; PGLYRPL; HMFT0141; TAGL-like; tagl-beta; tagL-alpha
NCBI Protein Information	N-acetylmuramoyl-L-alanine amidase
UniProt Protein Name	N-acetylmuramoyl-L-alanine amidase

UniProt Gene Name	PGLYRP2
UniProt Synonym Gene Names	PGLYRPL; PGRPL; PGRP-L
UniProt Entry Name	PGRP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/pglyrp2-recombinant-protein-e-coli/117267>