

UDP-glucose 6-dehydrogenase Recombinant Protein | ugdH recombinant protein

Recombinant E Coli UDP-glucose 6-dehydrogenase

CATALOG # AAA116208	HOST E Coli
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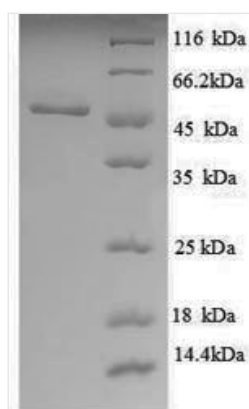
PRODUCT SYNONYMS

UDP-glucose 6-dehydrogenase; Recombinant E Coli UDP-glucose 6-dehydrogenase; ugdH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	2-388aa; Partial
Sequence	KITISGTGYV GLSNGLLIAQ NHEVVALDIL PSRVAMLNDR ISPIVDKEIQ QFLQSDKIHF NATLDKNEAY RDADYVVIAT PTDYDPKTN Y FNTSSVESVI KDVVEINPYA VMVIKSTVPV GFTAAMHKKY RTENIIFSPE FLREGKALYD NLHPSRIVIG ERSERAERFA ALLQEGAIKQ NIPMLFTDST EAEAIKLFAN TYLAMRVAYF NELDSYAESL GLNSRQIIEG VCLDPRIGNH YNNPSFGYGG YCLPKDTKQL LANYQSV PNN LISAIVDANR TRKDFIADAI LSRKPQVVG I YRLIMKSGSD NFRASSIQGI MKRIKAKGVE VIIYEPVMKE DSSFNSRLER DLATFKQQAD VIISNRMAEE LKDVADKVYT RDLFGSD
Sequence Length	388
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

References	A 460-kb DNA sequence of the Escherichia coli K-12 genome corresponding to the 40.1-50.0 min region on the linkage map.Itoh T., Aiba H., Baba T., Fujita K., Hayashi K., Inada T., Isono K., Kasai H., Kimura S., Kitakawa M., Kitagawa M., Makino K., Miki T., Mizobuchi K., Mori H., Mori T., Motomura K., Nakade S., Nakamura Y., Nashimoto H., Nishio Y., Oshima T., Saito N., Sampei G., Seki Y., Sivasundaram S., Tagami H., Takeda J., Takemoto K., Wada C., Yamamoto Y., Horiuchi T.DNA Res. 3:379-392(1996) The complete genome sequence of Escherichia coli K-12.Blattner F.R., Plunkett G. III, Bloch C.A., Perna N.T., Burland V., Riley M., Collado-Vides J., Glasner J.D., Rode C.K., Mayhew G.F., Gregor J., Davis N.W., Kirkpatrick H.A., Goeden M.A., Rose D.J., Mau B., Shao Y.Science 277:1453-1462(1997) Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110.Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T.Mol. Syst. Biol. 2:E1-E5(2006) Autophosphorylation of the Escherichia coli protein kinase Wzc regulates tyrosine phosphorylation of Ugd, a UDP-glucose dehydrogenase.Grangeasse C., Obadia B., Mijakovic I., Deutscher J., Cozzone A.J., Doublet P.J. Biol. Chem. 278:39323-39329(2003)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16129969
NCBI GeneID	946571
NCBI Accession #	NP_416532.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P76373
Molecular Weight	47.5 kDa
NCBI Official Full Name	UDP-glucose 6-dehydrogenase
UniProt Protein Name	UDP-glucose 6-dehydrogenase
UniProt Gene Name	ugd
UniProt Synonym Gene Names	pmrE; udg; yefA; UDP-Glc dehydrogenase; UDP-GlcDH; UDPGDH
UniProt Entry Name	UDG_ECOLI

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.