

D-amino acid oxidase Recombinant Protein | DAOA recombinant protein

Recombinant Human D-amino acid oxidase activator

CATALOG # AAA113305	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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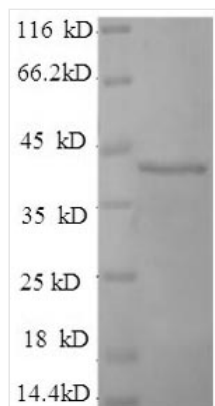
PRODUCT SYNONYMS

D-amino acid oxidase; Recombinant Human D-amino acid oxidase activator; Protein G72; DAOA 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	1-153aa; Full Length
Sequence	MLEKLMGADS LQLFRSRYTL GKIYFIGFQR SILLKSSENS LNSIAKETEE GRETVTRKEG WKRRHEDGYL EMAQRHLQRS LCPWVSYPQ PYAELEEVS HVGKVFARN YEFLAYEASK DRRQPLERMW TCNYNQKDQ SCNHKEITST KAE
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 DAOA recombinant protein	Ses to activate D-amino acid oxidase.
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References	Genetic and physiological data implicating the new human gene G72 and the gene for D-amino acid oxidase in schizophrenia.Chumakov I., Blumenfeld M., Guerassimenko O., Cavarec L., Palicio M., Abderrahim H., Bougueleret L., Barry C., Tanaka H., La Rosa P., Puech A., Tahri N., Cohen-Akenine A., Delabrosse S., Lissarrague S., Picard F.-P., Maurice K., Essioux L., Millasseau P., Grel P., Debailleul V., Simon A.-M., Caterina D., Dufaure I., Malekzadeh K., Belova M., Luan J.-J., Bouillot M., Sambucy J.-L., Primas G., Saumier M., Boubkiri N., Martin-Saumier S., Nasroune M., Peixoto H., Delaye A., Pinchot V., Bastucci M., Guillou S., Chevillon M., Sainz-Fuertes R., Meguenni S., Aurich-Costa J., Cherif D., Gimalac A., Van Duijn C., Gauvreau D., Ouellette G., Fortier I., Raelson J., Sherbatich T., Riazanskay N., Rogaev E., Raeymaekers P., Aerssens J., Konings F., Luyten W., Macciardi F., Sham P.C., Straub R.E., Weinberger D.R., Cohen N., Cohen D.Proc. Natl. Acad. Sci. U.S.A. 99:13675-13680(2002) Polymorphisms at the G72/G30 gene locus, on 13q33, are associated with bipolar disorder in two independent pedigree series.Hattori E., Liu C., Badner J.A., Bonner T.I., Christian S.L., Maheshwari M., Detera-Wadleigh S.D., Gibbs R.A., Gershon E.S.Am. J. Hum. Genet. 72:1131-1140(2003) Expression profile of G72 gene in human brain and G72 transgenic mice brain.Cheng L., Gershon E.S., Liu C. The DNA sequence and analysis of human chromosome 13.Dunham A., Matthews L.H., Burton J., Ashurst J.L., Howe K.L., Ashcroft K.J., Beare D.M., Burford D.C., Hunt S.E., Griffiths-Jones S., Jones M.C., Keenan S.J., Oliver K., Scott C.E., Ainscough R., Almeida J.P., Ambrose K.D., Andrews D.T., Ashwell R.I.S., Babbage A.K., Bagguley C.L., Bailey J., Bannerjee R., Barlow K.F., Bates K., Beasley H., Bird C.P., Bray-Allen S., Brown A.J., Brown J.Y., Burrill W., Carder C., Carter N.P., Chapman J.C., Clamp M.E., Clark S.Y., Clarke G., Clee C.M., Clegg S.C., Cobley V., Collins J.E., Corby N., Coville G.J., Deloukas P., Dhami P., Dunham I., Dunn M., Earthrowl M.E., Ellington A.G., Faulkner L., Frankish A.G., Frankland J., French L., Garner P., Garnett J., Gilbert J.G.R., Gilson C.J., Ghori J., Grafham D.V., Gribble S.M., Griffiths C., Hall R.E., Hammond S., Harley J.L., Hart E.A., Heath P.D., Howden P.J., Huckle E.J., Hunt P.J., Hunt A.R., Johnson C., Johnson D., Kay M., Kimberley A.M., King A., Laird G.K., Langford C.J., Lawlor S., Leongamornlert D.A., Lloyd D.M., Lloyd C., Loveland J.E., Lovell J., Martin S., Mashreghi-Mohammadi M., McLaren S.J., McMurray A., Milne S., Moore M.J.F., Nickerson T., Palmer S.A., Pearce A.V., Peck A.I., Pelan S., Phillimore B., Porter K.M., Rice C.M., Searle S., Sehra H.K., Shownkeen R., Skuce C.D., Smith M., Steward C.A., Sycamore N., Tester J., Thomas D.W., Tracey A., Tromans A., Tubby B., Wall M., Wallis J.M., West A.P., Whitehead S.L., Willey D.L., Wilming L., Wray P.W., Wright M.W., Young L., Coulson A., Durbin R.M., Hubbard T., Sulston J.E., Beck S., Bentley D.R., Rogers J., Ross M.T.Nature 428:522-528(2004) Mural R.J., Istrail S., Sutton G., Florea L., Halpern A.L., Mobarry C.M., Lippert R., Walenz B., Shatkay H., Dew I., Miller J.R., Flanigan M.J., Edwards N.J., Bolanos R., Fasulo D., Halldorsson B.V., Hannenhalli S., Turner R., Yooseph S., Lu F., Nusskern D.R., Shue B.C., Zheng X.H., Zhong F., Delcher A.L., Huson D.H., Kravitz S.A., Mouchard L., Reinert K., Remington K.A., Clark A.G., Waterman M.S., Eichler E.E., Adams M.D., Hunkapiller M.W., Myers E.W., Venter J.C. An unappreciated role for RNA surveillance.Hillman R.T., Green R.E., Brenner S.E.Genome Biol. 5:R8.1-R8.16(2004)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	240120173
NCBI GeneID	267012
NCBI Accession #	NP_001155284.1
NCBI GenBank Nucleotide #	NM_001161812.1
UniProt Accession #	P59103; Q0VAE6; Q5VX59; Q86Y17; Q8IWM4; A6NKG7
Molecular Weight	45.1 kDa
NCBI Official Full Name	D-amino acid oxidase activator isoform 2
NCBI Official Synonym Full Names	D-amino acid oxidase activator
NCBI Official Symbol	DAOA
NCBI Official Synonym Symbols	LG72; SG72
NCBI Protein Information	D-amino acid oxidase activator
UniProt Protein Name	D-amino acid oxidase activator
UniProt Gene Name	DAOA
UniProt Synonym Gene Names	G72
UniProt Entry Name	DAOA_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.

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