

Human DAO protein, His tag (active)

Cat. No. GTX66966-pro

Applications Functional Assay

Species Human

Package

10 µg

Applications

Application Note

Specific activity is > 3.5 units/mg, in which one unit will oxidatively deaminate 1.0 µmole of D-alanine to pyruvate per minute at pH 8.5 at 37°C, in the presence of catalase.

Properties

Form Liquid

Buffer 20mM Tris-HCl, 20% Glycerol, 1mM DTT

Preservative No preservatives

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Concentration 0.5 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence

Full length protein, N-terminal His-Tag; Length: 367 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MRVWVIGAGV IGLSTALCIH ERYHSLVQLPL DIKVYADRFT PLTTTDAAG LWQPYLSDPN NPQEADWSQQ TFDYLLSHVH SPNAENLGLF LISGYNLFHE AIPDPSWKDT VLGFRKLTPR ELDMPDYGW GWFHTSLILE GKNYLQWLTE RLTERGVKFF QRKVESFEEV AREGADVIVN CTGVWAGALQ RDPLLQGRG QIMKVDAPWM KHFILTHDPE RGIYNSPYII PGTQTVTLGG IFQLGNWSEL NNIQDHNTIW EGCCRLEPTL KNARIIGERT GFRPVRPQIR LEREQLRTGP SNTVEIHNYG HGGYGLTIHW GCALEAAKLF GRILEEKKLS RMPPSHL

Expression System E. coli

Purity > 90% by SDS-PAGE.

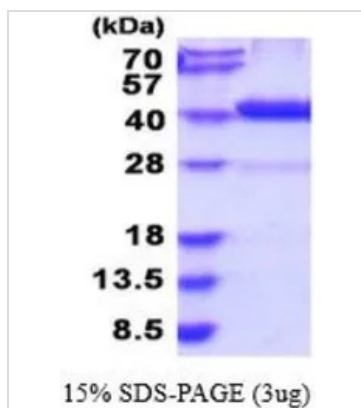
Conjugation Unconjugated

Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES



GTX66966-pro Image

3 µg of GTX66966-pro Human DAO protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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