

Human Dopa Decarboxylase Recombinant Protein



RPPB1583

Product Information Protein Information

Product SKU:

RPPB1583

Accession:

P20711

Host:

Escherichia Coli.

Protein description:

Dopa decarboxylase human recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 503 amino acids (1-480 a.a.) and having a molecular mass of 56.4 kDa. The Dopa decarboxylase is fused to a 23 amino acid His Tag at N-terminus and purified by conventional chromatography.

Appearance:

Sterile filtered colorless solution.

Synonyms:

DDC, AADC, Aromatic-L-amino-acid decarboxylase, DOPA decarboxylase.

Formulation:

The Dopa decarboxylase protein solution (1mg/ml) contains 20mM Tris-HCl, pH-8, 2mM DTT and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH TRSMNASEFR RRGKEMVDYV ANYMEGIEGR QVYPDVEPGY LRPLIPAAAP
QEPDTFEDII NDVEKIIMPG VTHWHSPYFF AYPFTASSYP AMLADMLCGA IGCIGFSWAA SPACTELETV
MMDWLGKMLE LPKAFLNEKA GEGGGVIQGS ASEATLVALL AARTKVIHRL QAASPELTQA AIMEKLVAYS
SDQAHSSVER AGLIGGVKLLK AIPSDGNFAM RASALQEAL RDKAAGLIPF FMVATLGTTT CCSFDNLLV
GPICNKEDIW LHVDAAYAGS AFICPEFRHL LNGVEFADSF NFNPHKWLLV NFDCSAMWVK KRTDLTGAFR
LDPTYLKHSQ QDSGLITDYR HWQIPLGRRF RSLKMWVFR MYGVKGLQAY IRKHVQLSHE FESLVRQDPR
FEICVEVILG LVCFRLKGSN KVNEALLQRI NSAKKIHLVP CHLRDKFVLR FAICSRVTS AHVQRAWHEI
KELAADVLR ERE.