

Human ARG2 Recombinant Protein



RPPB1409

Product Information Protein Information

Product SKU:

RPPB1409

Accession:

P78540

Host:

Escherichia Coli.

Protein description:

ARG2 Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 353 amino acids (23-354 a.a.) and having a molecular mass of 38.3 kDa. The ARG2 is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Kidney Arginase, Non-Hepatic Arginase, EC 3.5.3.1, Arginase-2, Type II arginase, Kidney-type arginase, Arginase-2 mitochondrial.

Formulation:

ARG2 Human solution containing 20mM Tris-HCl pH-8, & 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 SSSLVPRGSH MVHSVAVIGA PFSQGQKRKG VEHGPA Aire AGLMKRLSSL GCHLKDFGDL
SFTPVPKDDL YNNLIVNPRS VGLANQELAE VVSRAVSDGY SCVTLGGDHS LAIGTISGHA RHCPDLCVWW
VDAHADINTP LTTSSGNLHG QPVSFLLREL QDKVPQLPGF SWIKPCISSA SIVYIGLRDV DPPEHFILKN
YDIQYFSMRD IDRLGIQKVM ERTFDLLIGK RQRPIHLSFD IDAFDPTLAP ATFTPVVGGL TYREGMYIAE
EIHNTGLLSA LDLVEVNPQL ATSEEEAKTT ANLAVDVIAS SFGQTREGGH IVYDQLPTPS SPDESENQAR VRI.