

Tyrosinase (Tyr) Recombinant Protein | Tyr recombinant protein

Recombinant Mouse Tyrosinase (Tyr), partial

CATALOG # AAA114053	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Tyrosinase (Tyr); Recombinant Mouse Tyrosinase (Tyr); partial; Tyr 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	498-533aa, Cytoplasmic Domain
Sequence	RLCLQKKKKK KQPQEERQPL LMDKDDYHSL LYQSHL
Sequence Length	533
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Tyr recombinant protein	The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3 half of this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755913
NCBI GeneID	22173
NCBI Accession #	NP_035791.1
NCBI GenBank Nucleotide #	NM_011661.5
UniProt Accession #	P11344
Molecular Weight	60,606 Da
NCBI Official Full Name	tyrosinase isoform 1
NCBI Official Synonym Full Names	tyrosinase
NCBI Official Symbol	Tyr
NCBI Official Synonym Symbols	c; Oca1; skc35; albino
NCBI Protein Information	tyrosinase

UniProt Protein Name	Tyrosinase
UniProt Gene Name	Tyr

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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Online datasheet: <https://stage.aaabiotech.com/tyr-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114053>