

Tyrosinase Related Protein 1 Recombinant Protein | TYRP1 recombinant protein

Recombinant Human Tyrosinase Related Protein 1

CATALOG # AAA39156	HOST Sf9, Baculovirus cells
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PRODUCT SYNONYMS

Tyrosinase Related Protein 1; Recombinant Human Tyrosinase Related Protein 1; Tyrosinase-Related Protein 1; Melanoma Antigen Gp75; Glycoprotein 75; DHICA Oxidase; Catalase B; CAS2; TRP1; TYRP; TRP; 5; 6-Dihydroxyindole-2-Carboxylic Acid Oxidase; EC 1.14.18.1; EC 1.14.18.-; EC 1.14.18; B-PROTEIN; TRP-1; TYRRP; CATB; GP75; OCA3; 6-dihydroxyindole-2-carboxylic acid oxidase.; TYRP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9, Baculovirus cells
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	TYRP1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Sequence	ADL QFPRQCATVE ALRSGMCCPD LSPVSGPGTD RCGSSSGRGR CEAVTADSRP HSPQYPHDGR DDREVWPLRF FNRTCHCNGN FSGHNCGTCTR PGWRGAACDQ RVLIVRRNLL DLSKEEKNHF VRALDMAKRT THPLFVIATR RSEEILGPDG NTPQFENISI YNYFVWTHYY SVKKTFLGVG QESFGEVDFFS HEGPAFLTWH RYHLLRLEKD MQEMLQEPSF SLPYWNFATG KNVCDICTDD LMGSRSNFDS TLISPSNVFS QWRVVCDSLE DYDTLGTLN STEDGPIRRN PAGNVARPMV QRLPEPQDVA QCLEVGLFDT PPFYNSNSTNS FRNTVEGYSD PTGKYDPAVR SLHNLHLFL NGTGGQTHLS PNDPIFVLLH TFTDAVFDEW LRRYNADIST FPLENAPIGH NRQYNMVPWF PPVTNTEMFV TAPDNLGYTY EIQWPSREFS VPEHHHH HH
Sequence Length	537
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for TYRP1 recombinant protein	TYRP1 Human Recombinant produced in Sf9 Baculovirus cells is a single, non-glycosylated polypeptide chain containing 462 amino acids (25-477a.a) and having a molecular mass of 52.5kDa. (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). TYRP1 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for TYRP1 recombinant protein	Recombinant & Natural Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507757
NCBI GeneID	7306
NCBI Accession #	NP_000541.1
NCBI GenBank Nucleotide #	NM_000550.2
UniProt Accession #	P17643; P78468; P78469; Q13721; Q15679

NCBI Official Full Name	5,6-dihydroxyindole-2-carboxylic acid oxidase
NCBI Official Synonym Full Names	tyrosinase related protein 1
NCBI Official Symbol	TYRP1
NCBI Official Synonym Symbols	TRP; CAS2; CATB; GP75; OCA3; TRP1; TYRP; b-PROTEIN
NCBI Protein Information	5,6-dihydroxyindole-2-carboxylic acid oxidase
UniProt Protein Name	5,6-dihydroxyindole-2-carboxylic acid oxidase
UniProt Gene Name	TYRP1
UniProt Synonym Gene Names	CAS2; TYRP; TYRRP; DHICA oxidase; TRP; TRP-1; TRP1

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/tyrp1-recombinant-protein-sf9-baculovirus-cells/39156>