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## Product Datasheet

### Recombinant TYRP1 Protein, Human ABB-RP01295

Article Name	Recombinant TYRP1 Protein, Human
Biozol Catalog Number	ABB-RP01295
Supplier Catalog Number	RP01295
Alternative Catalog Number	ABB-RP01295-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met1-Arg471
Product Description	Tyrosinase-related protein 1, also known as TYRP1 or TRP1, is a melanosomal enzyme that belongs to the tyrosinase family and plays an important role in the melanin biosynthetic pathway. Mutations in this enzyme are the cause of rufous oculocutaneous ...
Concentration	< 1 EU/ $\mu$ g of the protein by LAL method.
Molecular Weight	52.2 kDa
NCBI	<a href="#">7306</a>
UniProt	<a href="#">P17643</a>
Purity	95 % as determined by SDS-PAGE.
Form	Lyophilized from sterile PBS, pH 7.4

Sequence	MSAPKLLSLGCIFFPLLLQQARAQFPRQCATVEALRSGMCCPDLSVSGPGT DRCGSSSGRGRCEAVTADSRPHSPQYPHDGRDDREVVWPLRFFNRTCHCNG NFSGHNCGTCRPGWRGAACDQRVLIVRRNLLDLSKEEKNHFVRALDMAKRT THPLFVIATRRSEEILGPDGNTQPQFENISIIYNYFVWTHYYSVKKTFLGVGQESFG EVDFSHEGPAFLTWHRYHLLRLEKDMQEMLQEPSFSLPYWNFATGK
Target	TRP1
Application Dilute	Lyophilized from sterile PBS, pH 7.4
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Other Recombinant Protein