

Product datasheet for **TP725768**

TRP1 (TYRP1) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human TYRP1 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln25-Ser470
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4
Note:	Recombinant Human TYRP1 is produced by our mammalian expression system and the target gene encoding native Gln25-Ser470 is expressed with a 6-His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-5 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	7306
UniProt ID:	P17643
Synonyms:	TRP Protein; TRP1 Protein; TYRP Protein; Catalase B; Glycoprotein 75; Tyrosinase-related protein 1
Summary:	TYRP1, a melanosomal enzyme belonging to the tyrosinase family plays an important role in the melanin biosynthetic pathway. This enzyme can help influence the type of melanin that is synthesized. There is also substantial evidence that this protein can maintain stability of tyrosinase proliferation and melanocyte cell death.
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Melanogenesis, Metabolic pathways, Tyrosine metabolism



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