

Native Human Prealbumin

Cat. No. TTR-254H Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	Human Plasma
Description	Serum protein found in plasma at 30 mg per 100 ml. Functions in the transport of thyroxine, vitamin A, and retinol-binding protein. Clinically, prealbumin is a sensitive indicator of impaired liver function; low levels are found in viral hepatitis, cirrhosis, malnutrition, inflammation, and surgical trauma.
Form	Lyophilized
Molecular Mass	MW: 55,000
Purity	>=95% by SDS-PAGE
Usage	For research or further manufacturing use only.
Quality Control Test	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
Stability	>1 year
Storage	<=>
Storage Buffer	50 mM Na phosphate, pH 7.5, with 150 mM NaCl

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GENE INFORMATION

Gene Name	TTR transthyretin [Homo sapiens]
Official Symbol	TTR
Synonyms	TTR; transthyretin; PALB, prealbumin, amyloidosis type I; HsT2651; ATTR; carpal tunnel syndrome 1; thyroxine-binding prealbumin; prealbumin, amyloidosis type I; CTS; CTS1; PALB; TBPA;
Gene ID	7276
mRNA Refseq	NM_000371
Protein Refseq	NP_000362
MIM	176300
UniProt ID	P02766
Chromosome Location	18q12.1
Pathway	Amyloids, organism-specific biosystem; Disease, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem;
Function	hormone activity; hormone binding; protein binding;

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