

# Recombinant Human Tyrosyl tRNA synthetase/TyrRS protein ab107141

画像数 1

### 製品の詳細

製品名	Recombinant Human Tyrosyl tRNA synthetase/TyrRS protein
精製度	> 90 % SDS-PAGE. ab107141 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>P54577</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<b>MGSSHHHHHSSGLVPRGSHMGDAPSPEEKLHLITRNLQE VLGEEKLKEI LKERELKIYWGTTATTGKPHVAYFVPMSKIADFLKAGCEVTIL FADLHAYL DNMKAPWELLELRVSYENVIKAMLESIGVPLEKLFKIKGTD YQLSKEYT LDVYRLSSVVTQHDSKKAGAEVVKQVEHPLL SGLLYPGLQAL DEEYLKVD AQFGGIDQRKIFTFAEKYLPALGYSKRVHLMNPMVPGLTGSK MSSSEEEES KIDLLDRKEDVKKLKKAFCEPGNVENNGVLSFIKHVLFPLK SEFVILRD EKWGGNKTYTAYVDLEKDFAAEVVHPGDLKNSVEVALNKLLD PIREKFNT PALKKLASAAYPDPSKQKPKMAKGPKNSEPEEVIPSRLDIRV GKIITVEK HPDADSLYVEKIDVGEAEPRTVVVSGLVQFVPKEELQDRLVVV LCNLKPQK MRGVESQGMLLCASIEGINRQVEPLDPPAGSAPGEHVFKGY EKGQPDEE LKPKKKVFEKLQADFKISEECIAQWKQTNFMTKLGSI SCKSL KGGNIS</b>
予測される分子量	61 kDa including tags

領域	1 to 528
タグ	His tag N-Terminus

## 特性

Our **Abpromise guarantee** covers the use of **ab107141** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
質量分析	MALDI-TOF
製品の状態	Liquid
備考	Previously labelled as Tyrosyl tRNA synthetase

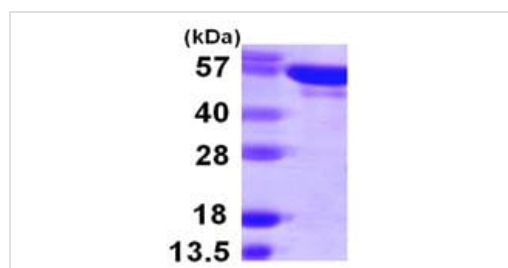
## 前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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## 関連情報

機能	Catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr).
関連疾患	Defects in YARS are the cause of Charcot-Marie-Tooth disease dominant intermediate type C (CMTDIC) [MIM:608323]. CMTDIC is a form of Charcot-Marie-Tooth disease characterized by clinical and pathologic features intermediate between demyelinating and axonal peripheral neuropathies, and motor median nerve conduction velocities ranging from 25 to 45 m/sec.
配列類似性	Belongs to the class-I aminoacyl-tRNA synthetase family. Contains 1 tRNA-binding domain.
細胞内局在	Cytoplasm.

## 画像



15% SDS-PAGE showing ab107141 (3 µg) at approximately 61.3 kDa.

SDS-PAGE - Recombinant Human Tyrosyl tRNA synthetase/TyrRS protein (ab107141)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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