

Recombinant Human RPIA/PRI protein ab116207

画像数 1

製品の詳細

製品名	Recombinant Human RPIA/PRI protein
精製度	> 90 % SDS-PAGE. ab116207 was purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>P49247</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHSSGLVPRGSHMQRPGPFSTLYGRVLAPLPGRA GGAASGGG GNSWDLPGSHVRLPGRAQSGTRGGAGNTSTSCGDSNSICPAP STMSKAEE AKKLAGRAAVENHVRNNQVLGIGSGSTIVHAVQRIAERVKQE NLNLVCIP TSFQARQLILQYGLTSLDLDRHPEIDLAIIDGADEVDADLNL KGGGGCLT QEKIVAGYASRFIVIADFRKDSKNLGDQWHKGIPIEVI PMAV VPVSRVAVS QKFGGVVELRMAVNKAGPVVTDNGNFILDWKFDRVHKWSEVN TAIKMIPG VVDTGLFINMAERVYFGMQDGSVNMREKPF
予測される分子量	35 kDa including tags
領域	1 to 311
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab116207** 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	Mass Spectrometry SDS-PAGE
質量分析	MALDI-TOF

製品の状態

Liquid

備考

This product was previously labelled as RPIA

前処理および保存**保存方法および安定性**

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.004% PMSF, 0.03% DTT, 0.32% Tris HCl, 0.06% EDTA, 40% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

関連情報**パスウェイ**

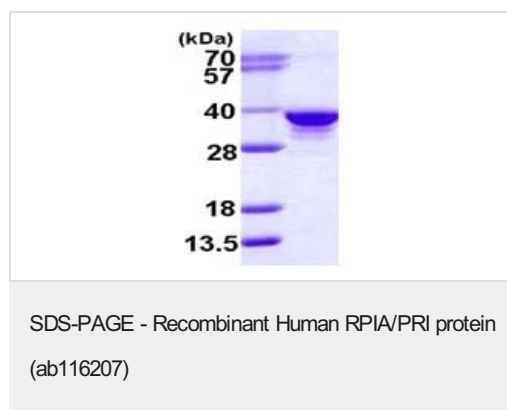
Carbohydrate degradation; pentose phosphate pathway; D-ribose 5-phosphate from D-ribulose 5-phosphate (non-oxidative stage): step 1/1.

関連疾患

Defects in RPIA are the cause of ribose 5-phosphate isomerase deficiency (RPID) [MIM:608611]. A patient has been described with a deficiency of ribose 5-phosphate isomerase who presented with leukoencephalopathy and peripheral neuropathy. Proton magnetic resonance spectroscopy of the brain revealed a highly elevated level of the polyols ribitol and D-arabitol, which were subsequently also found in high concentrations in body fluids. Deficient activity of RPIA, one of the pentose phosphate pathway enzymes, has been demonstrated in fibroblasts.

配列類似性

Belongs to the ribose 5-phosphate isomerase family.

画像

15% SDS-PAGE analysis of 3 µg ab116207.

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

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