

Recombinant Human IVD protein ab93747

1 Image

Description

Product name	Recombinant Human IVD protein
Purity	> 90 % SDS-PAGE. ab93747 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MHSLLPVDDA INGLSEEQRQ LRQTMAKFLQ EHLAPKAQEI DRSNEFKNLR EFWKQLGNLG VLGITAPVQY GGSGLGYLEH VLMEEISRA SGAVGLSYGA HSNLCINQLV RNGNEAQKEK YLPKLISGEY IGALAMSEPN AGSDVVSMLK KAEKKGNHYI LNGNKFWITN GPDADVLIVY AKTDLAAPPA SRGITAFIVE KGMPGFSTSK KLDKLGMRGS NTCELIFEDC KIPAANILGH ENKGVYVLMs GLDLERLVLA GGPLGLMQAV LDHTIPYLHV REAFGQKIGH FQLMQGKMAD MYTRLMACRQ YVYNVAKACD EGHCTAKDCA GVILYSAECA TQVALDGIQC FGGNGYINDF PMGRFLRDAK LYEIGAGTSE VRRLVIGRAF NADFH

Specifications

Our **Abpromise guarantee** covers the use of **ab93747** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

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

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Pathway	Amino-acid degradation; L-leucine degradation; (S)-3-hydroxy-3-methylglutaryl-CoA from 3-isovaleryl-CoA: step 1/3.
Involvement in disease	Defects in IVD are the cause of isovaleric acidemia (IVA) [MIM:243500]. IVA is characterized by retarded psychomotor development, a peculiar odor resembling sweaty feet, an aversion to dietary protein, and pernicious vomiting, leading to acidosis and coma. The acute neonatal form leads to massive metabolic acidosis from the first days of life and rapid death.
Sequence similarities	Belongs to the acyl-CoA dehydrogenase family.
Cellular localization	Mitochondrion matrix.

Images



15% SDS-PAGE showing ab93747 (3ug)

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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