abcam

Product datasheet

Recombinant Human AKR1B10 protein ab85415

1 Image

Description

Product name Recombinant Human AKR1B10 protein

Purity > 95 % SDS-PAGE.

ab85415 is purified using conventional chromatography techniques.

Expression system Escherichia coli

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MATFVELSTK AKMPNGLGT WKSPLGKVKE

AVKVAIDAGY RHIDCAYVYQ NEHEVGEAIQ EKIQEKAVKR EDLFIVSKLW PTFFERPLVR KAFEKTLKDL KLSYLDVYLI

HWPQGFKSGD DLFPKDDKGN AIGGKATFLD AWEAMEELVD EGLVKALGVS NFSHFQIEKL

LNKPGLKYKP VTNQVECHPY LTQEKLIQYC HSKGITVTAY

SPLGSPDRPW AKPEDPSLLE DPKIKEIAAK

HKKTAAQVLI RFHIQRNVIV IPKSVTPARI VENIQVFDFK LSDEEMATIL SFNRNWRACN VLQSSHLEDY PFDAEY

Specifications

Our **Abpromise guarantee** covers the use of **ab85415** 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

pH: 8.00

Constituents: 0.316% Tris HCI, 10% Glycerol (glycerin, glycerine)

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General Info

Function Acts as all-trans-retinaldehyde reductase. Can efficiently reduce aliphatic and aromatic

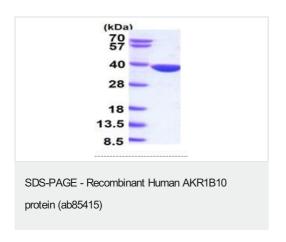
aldehydes, and is less active on hexoses (in vitro). May be responsible for detoxification of reactive aldehydes in the digested food before the nutrients are passed on to other organs.

Tissue specificity Found in many tissues. Highly expressed in small intestine, colon and adrenal gland.

Sequence similarities Belongs to the aldo/keto reductase family.

Cellular localization Lysosome. Secreted. Secreted through a lysosome-mediated non-classical pathway.

Images



15% SDS-PAGE showing ab85415 at approximately 36kDa (3µg).

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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