abcam

Product datasheet

Recombinant Human DR6 protein ab151363

Description

Product name	Recombinant Human DR6 protein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	O75509
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	QPEQKASNLIGTYRHVDRATGQVLTCDKCPAGTYVSEHCT NTSLRVCSSC PVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCAALTDRE CTCPPGMFQSN ATCAPHTVCPVGWGVRKKGTETEDVRCKQCARGTFSDV PSSVMKCKAYTD CLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSPGTAIFPR PEHMETHEV PSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTS SARGKEDVNKT LPNLQVVNHQQGPHHRHILKLLPSMEATGGEKSSTPIKGP KRGHPRQNLH KHFDINEHLVDHHHHHH
Predicted molecular weight	35 kDa including tags
Amino acids	42 to 350
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab151363** 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
	HPLC

Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. pH: 7.40 Constituents: 0.88% Sodium chloride, 99% Phosphate Buffer
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

General Info

Function	May activate NF-kappa-B and promote apoptosis. May activate JNK and be involved in T-cell differentiation. Required for both normal cell body death and axonal pruning. Trophic-factor deprivation triggers the cleavage of surface APP by beta-secretase to release sAPP-beta which is further cleaved to release an N-terminal fragment of APP (N-APP). N-APP binds TNFRSF21 triggering caspase activation and degeneration of both neuronal cell bodies (via caspase-3) and axons (via caspase-6).
Tissue specificity	Highly expressed in heart, brain, placenta, pancreas, lymph node, thymus and prostate. Detected at lower levels in lung, skeletal muscle, kidney, testis, uterus, small intestine, colon, spleen, bone marrow and fetal liver. Very low levels were found in adult liver and peripheral blood leukocytes.
Sequence similarities	Contains 1 death domain. Contains 4 TNFR-Cys repeats.
Cellular localization	Membrane.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors