

Product datasheet

Recombinant Human DR5 protein ab109157

Description

Product name	Recombinant Human DR5 protein
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 0.100 Eu/μg
Expression system	HEK 293 cells
Accession	<u>O14763</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	52 kDa including tags
Amino acids	24 to 239

Specifications

Our **Abpromise guarantee** covers the use of **ab109157** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituent: PBS
Reconstitution	Reconstitute with 50μl sterile water.

General Info

Function	Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits
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caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B. Essential for ER stress-induced apoptosis.

Tissue specificity

Widely expressed in adult and fetal tissues; very highly expressed in tumor cell lines such as HeLaS3, K-562, HL-60, SW480, A-549 and G-361; highly expressed in heart, peripheral blood lymphocytes, liver, pancreas, spleen, thymus, prostate, ovary, uterus, placenta, testis, esophagus, stomach and throughout the intestinal tract; not detectable in brain.

Involvement in disease

Squamous cell carcinoma of the head and neck

Sequence similarities

Contains 1 death domain.
Contains 3 TNFR-Cys repeats.

Cellular localization

Membrane.

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

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