

Product datasheet

Recombinant Human ROR1 protein (308-395aa) His tag
 ab221027

1 Image

Description

Product name	Recombinant Human ROR1 protein (308-395aa) His tag	
Purity	> 95 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	Q01973	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	NKNHKCYNSTGVDRGTVSVTKSGRQCQPWNSQYPH THTFTALRFPELNG GHSYCRNPGNQKEAPWCFTLDENFKSDLCDIPACDS KD	
Predicted molecular weight	11 kDa including tags	
Amino acids	308 to 395	
Tags	His tag C-Terminus	
Additional sequence information	(Kringle domain).	
Description	Recombinant Human ROR1 protein (His tag)	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab221027** 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 Lyophilised

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at 4°C (stable for up to 12 months). Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.4

Constituents: 95% PBS, 5% Trehalose

Lyophilized from 0.22 µm filtered solution.

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile deionized water to a final concentration of 1 mg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% HSA or BSA) is strongly recommended for further dilution and long term storage.

General Info

Function

Tyrosine-protein kinase receptor whose role is not yet clear.

Tissue specificity

Expressed strongly in human heart, lung and kidney, but weakly in the CNS. Isoform Short is strongly expressed in fetal and adult CNS and in a variety of human cancers, including those originating from CNS or PNS neuroectoderm.

Sequence similarities

Belongs to the protein kinase superfamily. Tyr protein kinase family. ROR subfamily.
Contains 1 FZ (frizzled) domain.
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 kringle domain.
Contains 1 protein kinase domain.

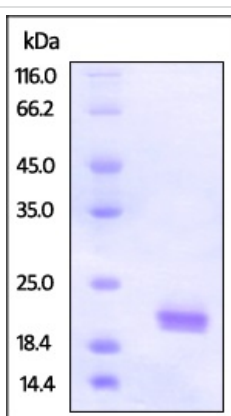
Developmental stage

Expressed at high levels during early embryonic development. The expression levels drop strongly around day 16 and there are only very low levels in adult tissues.

Cellular localization

Membrane.

Images



SDS-PAGE - Recombinant Human ROR1 protein
(His tag) (ab221027)

SDS-PAGE analysis of reduced ab221027 stained overnight with Coomassie Blue. The reducing protein migrates as 20 kDa in SDS-PAGE due to glycosylation.

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