



Product datasheet

Recombinant Human ORP150 protein (His tag)
ab215633

Description	
Product name	Recombinant Human ORP150 protein (His tag)
Purity	> 95 % SDS-PAGE. Lyophilized from a 0.2 µm filtered solution.
Endotoxin level	< 1.000 Eu/µg
Expression system	Mammalian
Accession	<u>Q9Y4L1</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MVEEIGVELVVLDPDLPEDKLAQSVQKLQDLTLRDLEKQ EREKAANSLE AFIFETQDKLYQPEYQEVSTEEQREEISGKLSAASTWLED EGVGATTVML KEKLAELRKLCQGLFFRVEERKKWPERLSALDNLLNHSS MFLKGARLIPE MDQIFTEVEMTTLEKVINETWAWKNATLAEQAKLPATEKP VLLSKDIEAK MMALDREVQYLLNKAKFTKPRPRPKDKNGTRAEPPLNAS ASDQGEKVIPP AGQTEDAEPISEPEKVETGSEPGDTEPLELGGPGAPEPQ KEQSTGQKRPL KNDELGGGGSHHHHHHHHHH
Predicted molecular weight	36 kDa including tags
Amino acids	695 to 999
Tags	His tag C-Terminus

Specifications	
Our Abpromise guarantee covers the use of ab215633 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 Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C long term. pH: 7.40 Constituent: 99% PBS
Reconstitution	Reconstitute with ddH ₂ O to a concentration no less than 100 µg/mL. 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	Has a pivotal role in cytoprotective cellular mechanisms triggered by oxygen deprivation. May play a role as a molecular chaperone and participate in protein folding.
Tissue specificity	Highly expressed in tissues that contain well-developed endoplasmic reticulum and synthesize large amounts of secretory proteins. Highly expressed in liver and pancreas and lower expression in brain and kidney. Also expressed in macrophages within aortic atherosclerotic plaques, and in breast cancers.
Sequence similarities	Belongs to the heat shock protein 70 family.
Cellular localization	Endoplasmic reticulum lumen.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- 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

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