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Orexin A Protein (OXA) (AA 34-66) (TRX tag, His tag)



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Quantity:	100 μg
Target:	Orexin A (OXA)
Protein Characteristics:	AA 34-66
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Orexin A protein is labelled with TRX tag, His tag.

Product Details

Sequence:	Gln34-Leu66	
Characteristics:	A DNA sequence encoding the Human OXA protein (O43612) (Gln34-Leu66) was expressed with a TRX.	
Purity:	> 95 % as determined by reducing SDS-PAGE.	

Target Details

Target:	Orexin A (OXA)
Alternative Name:	Orexin-A (OXA Products)
Background:	Abbreviation: Orexin-A
	Target Synonym: Orexin-A,Hypocretin-1,Hcrt1,HCRT,OX,PPORX,PPOX
	Background: Neuropeptides that play a significant role in the regulation of food intake and
	sleep-wakefulness, possibly by coordinating the complex behavioral and physiologic responses

Target Details

Expiry Date:

12 months

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	of these complementary homeostatic functions. A broader role in the homeostatic regulation of energy metabolism, autonomic function, hormonal balance and the regulation of body fluids, is also suggested.	
Molecular Weight:	Calculated MW: 23.52 kDa Observed MW: 25 kDa	
UniProt:	043612	
Pathways:	Synaptic Membrane, Feeding Behaviour	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	e Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	
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