

[Go to Product page](#)

Datasheet for ABIN7505036

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

Overview

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:	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 of these complementary homeostatic functions. A broader role in the homeostatic re Synonym: Orexin-A, Hypocretin-1 ,Hcrt1,HCRT,OX, PPORX, PPOX

Target Details

Molecular Weight:	23.52 kDa
UniProt:	O43612
Pathways:	Synaptic Membrane , Feeding Behaviour

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage 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.
Expiry Date:	12 months