

Recombinant Human Orexin-A protein (TRX,His tag)

Catalog Number:PDEH100123



Note: Centrifuge before opening to ensure complete recovery of vial contents.

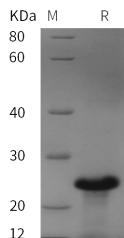
Description

Synonyms	Orexin-A;Hypocretin-1;Hcrt1;HCRT;OX;PPORX;PPOX
Species	Human
Expression Host	E.coli
Sequence	Gln34-Leu66
Accession	O43612
Calculated Molecular Weight	23.5 kDa
Observed molecular weight	25 kDa
Tag	N-Trx-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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 regulation of energy metabolism, autonomic function, hormonal balance and the regulation of body fluids, is also suggested.

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