Recombinant Rat Duox2 Protein, His-tagged

Cat. No. Duox2-196R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Duox2(Asp1229~Phe1517) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asp1229~Phe1517
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	36.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

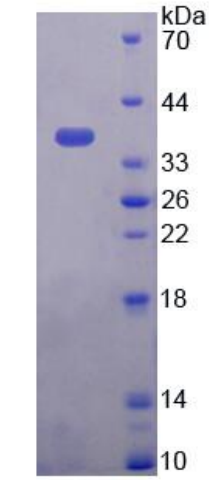
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	Duox2 dual oxidase 2 [Rattus norvegicus]
Official Symbol	Duox2
Synonyms	DUOX2; dual oxidase 2; long NOX 2; large NOX 2; thyroid oxidase 2; NADH/NADPH thyroid oxidase THOX2; Thox2;
Gene ID	79107
mRNA Refseq	NM_024141
Protein Refseq	NP_077055
UniProt ID	Q9ES45

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15% SDS-PAGE

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