

OriGene Technologies, Inc.

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Product datasheet for LY419737

Cysteine Dioxygenase Type 1 (CDO1) (NM_001801) Human Over-expression Lysate

Product data:

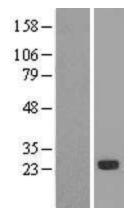
| Pescription:Transient overexpression lysate of cysteine dioxygenase, type I (CDO1)Species:HumanExpression Host:HEK293TTag:CuoRF Clone RC206067Tag:Cone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)Petertion Antibodies:Cone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:Mo 001801, NP 001792Synonyms:CDO-IOradio 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Storage:He Ky23T cells in 10-cm dishes were transiently transfected with MegaTran Transfection Regent (TT20002) and Sug TrueORE (DNA plasmid, Transfected cells were cultured for Afvis before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 1 Siom MNAC1, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma, 1mM PM3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by CA kit (Thermo Scientific Inc.). Cell lysate were aliquoted and stored at -20°C brown And, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma, 1mM PM3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by CA kit (Thermo Scientific Inc.). Cell lysate were aliquoted and stored at -20°C brown Scientific Inc.). Cell lysate serve aliquoted and stored at -20°C brown Scientific Inc.). Cell lysate serve aliquoted and stored at -20°C brown Scientific Inc.). Scientific Inc.). Scientific Inc.). Scientific Inc.). Scientific Inc.). Scientific Inc.). Scientifi | Product Type: | Over-expression Lysates |
|--|------------------------------|--|
| Expression Host:HEK293TExpression cDNA CloneTrueORF Clone RC206067Tag:C-Myc/DDKTag:Come Clone Clon | Description: | Transient overexpression lysate of cysteine dioxygenase, type I (CDO1) |
| Expression cDNA CloneTrueORF Clone RC206067Tag:C-Myc/DDKDetection Antibodies:Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001801, NP 001792Synonyms:CDO-1Predicted MW:23 kDaComponents:1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCI pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Storage:The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C, Also after dilution, the protein sample should be aliquoted and stored at -80°C forlong term storage, Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer orvided. Lysate samples are stable for 12 months from the date of receipt when stored at 80°C.Preparation:HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Aksrs before collection. The cells were lysed in molified RIPA buffer (25mM Tris-HCI pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cockail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysate were aliquoted and stored at -20°C before shipping.RefSeq:NP.001792 | Species: | Human |
| or AA Sequence:Tag:C-Myc/DKDetection Antibodies:Cone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001801, NP 001792Synonyms:CDO-IPredicted MW:23 kDaComponents:1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCI pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Storage:The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C Also after dilutich, the protein sample should be aliquoted and stored at -80°C for long term storage, Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer (120002) and Sug TrueORE CDNA plasmid, Transfected cells were cultured for Akhrs before collection. The cells were transiently transfected with MegaTran Transfection Reagent (TT200002) and Sug TrueORE CDNA plasmid, Transfected cells were cultured for Akhrs before collection. The cells were glysate inhibitor cocktail mix (Sigma), 1mM PH30, 1mM Na3O(A), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted and stored at -20°C before shipping.RefSeq:NP 001792 | Expression Host: | HEK293T |
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| Locus ID: 1036 | RefSeq: | <u>NP 001792</u> |
| | Locus ID: | 1036 |



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| | Cysteine Dioxygenase Type 1 (CDO1) (NM_001801) Human Over-expression Lysate – LY419737 |
|-----------------|---|
| Cytogenetics: | 5q22.3 |
| Protein Pathway | rs: Cysteine and methionine metabolism, Metabolic pathways, Taurine and hypotaurine metabolism |

Product images:



Western blot validation of overexpression lysate (Cat# LY419737) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC206067] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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