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Product datasheet for LY432983

Kininogen 1 (KNG1) (NM_001166451) Human Over-expression Lysate

Product data:

| Description:Transient overexpression lysate of kininogen 1 (KNG1), transcript variant 3Species:HumanExpression Host:HEK293TExpression cDNA Clone or AA Sequence:TrueORF Clone RC229983Tag:C-Myc/DDKDetection Antibodies:Cone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001166451, NP 001159923Synonyms:BDK; BK; HAEG; HMWK; KNGPredicted MW:44.3 kDaComponents:1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 250µl 2xDS Sample Buffer (4% SDS, 125mM Tris-HCl 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 for long term storage. A0°C.Preparation:HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Reagent (TT20002) and Sug <u>TrueORF</u> cDNA plasmid, Transfected cells were cultured for A8hrs before collection. The cells were lysed in modified RIPA buffer closed, lysate samples are stable for 12 months from the date of receipt when stored at a0°C.Preparation:HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Reagent (TT20002) and Sug <u>TrueORF</u> cDNA plasmid, Transfected cells were cultured for A8hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail 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 lysates were aliquoted ant stored at | Product Type: | Over-expression Lysates |
|---|------------------------------|--|
| Expression Host:HEK293TExpression cDNA Clone or AA Sequence:TrueORF Clone RC229983Tag:C-Myc/DDKDetection Antibodies:Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 001166451, NP 001159923Synonyms:BDK; BK; HAE6; HMWK; KNGPredicted MW:44.3 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 for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer rovided. Lysate samples are stable for 12 months from the date of receipt when stored at a80°C.Preparation:HEK293T cells in 10-cm dishes were transiently transfected cells were cultured for 4&hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCI pH7.6, 150mM NaCl, 1% NP-40, 1MM EDTA, 1xProteinase inhibitor cocktail 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 lysates were aliquoted ant stored at -20°C before shipping. | Description: | Transient overexpression lysate of kininogen 1 (KNG1), transcript variant 3 |
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| | RefSeq: | <u>NP 001159923</u> |
| Locus ID: 3827 | Locus ID: | 3827 |



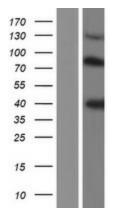
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| | Kininogen 1 (KNG1) (NM_001166451) Human Over-expression Lysate – LY432983 |
|------------------|---|
| Cytogenetics: | 3q27.3 |
| Protein Families | Druggable Genome, Secreted Protein |

Protein Pathways:

Complement and coagulation cascades

Product images:



Western blot validation of overexpression lysate (Cat# LY432983) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC229983] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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