

DDR1 Protein, Mouse (HEK293, C-His)

Cat. No.:	HY-P77639
Synonyms:	HGK2; MCK-10; CAK; EDDR1; NEP; NTRK4; PTK3A; RTK6; TRKE; DDR1; CD167; EDDR1; PTK3; CD167a; DDR; EC 2.7.10; EC 2.7.10.1; ENTRK4
Species:	Mouse
Source:	HEK293
Accession:	Q03146-2 (D20-A414)
Gene ID:	12305
Molecular Weight:	Approximately 50-60 kDa due to the glycosylation.

PROPERTIES

AA Sequence	D A D M K G H F D P A K C R Y A L G M Q D R T I P D S D I S V S S S W S D S T A A R H S R L E S S D G D G A W C P A G P V F P K E E E Y L Q V D L R R L H L V A L V G T Q G R H A G G L G K E F S R S Y R L R Y S R D G R R W M D W K D R W G Q E V I S G N E D P G G V V L K D L G P P M V A R L V R F Y P R A D R V M S V C L R V E L Y G C L W R D G L L S Y T A P V G Q T M Q L S E V M V H L N D S T Y D G Y T A G G L Q Y G G L G Q L A D G V V G L D D F R Q S Q E L R V W P G Y D Y V G W S N Q S F P T G Y V E M E F E F D R L R T F Q T M Q V H C N N M H T L G A R L P G G V E C R F K R G P A M A W E G E P V R H A L G G S L G D P R A R A I S V P L G G H V G R F L Q C R F L F A G P W L L F S E I S F I S D V V N D S S D T F P P A P W W P P G P P P T N F S S L E L E P R G Q Q P V A K A E G S P T
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Collagen I at 10 µg/mL can bind Mouse DDR1 with an apparent KD is 8.525 nM.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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