

## IDH1 Protein, Human (HEK 293, His)

<b>Cat. No.:</b>	HY-P70214
<b>Synonyms:</b>	rHulsocitrate dehydrogenase [NADP] cytoplasmic/IDH1, His; Isocitrate Dehydrogenase [NADP] Cytoplasmic; IDH; Cytosolic NADP-Isocitrate Dehydrogenase; IDP; NADP(+)-Specific ICDH; Oxalosuccinate Decarboxylase; IDH1; PICD
<b>Species:</b>	Human
<b>Source:</b>	HEK 293
<b>Accession:</b>	O75874 (M1-L414)
<b>Gene ID:</b>	3417
<b>Molecular Weight:</b>	Approximately 45.0 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> MSKKISGGSV    VEMQGD E MTR    I I W E L I K E K L    I F P Y V E L D L H SYDLGIENRD    ATNDQVTKDA    A E A I K K H N V G    V K C A T I T P D E KRVEEFK L K Q    MWKSPNGTIR    N I L G G T V F R E    A I I C K N I P R L VSGWVKPIII    GRHAYGDQYR    A T D F V V P G P G    K V E I T Y T P S D GTQKVTYLVH    N F E E G G G V A M    G M Y N Q D K S I E    D F A H S S F Q M A LSKGWPLYLS    T K N T I L K K Y D    G R F K D I F Q E I    Y D K Q Y K S Q F E AQKIWYEHL    I D D M V A Q A M K    S E G G F I W A C K    N Y D G D V Q S D S VAQGYGSLGM    M T S V L V C P D G    K T V E A E A A H G    T V T R H Y R M Y Q KGQETSTNPI    A S I F A W T R G L    A H R A K L D N N K    E L A F F A N A L E E V S I E T I E A G    F M T K D L A A C I    K G L P N V Q R S D    Y L N T F E F M D K L G E N L K I K L A    Q A K L </pre>
<b>Biological Activity</b>	Data is not available.
<b>Appearance</b>	Solution
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	N/A
<b>Storage &amp; Stability</b>	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
<b>Shipping</b>	Shipping with dry ice.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA