



Recombinant Protein Technical Manual

Recombinant Human HDHD2 Protein (His Tag)

RPES0297

Product Data:

Product SKU: RPES0297

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9H0R4

Protein Information:

Molecular Mass: 30.7 kDa

AP Molecular Mass: 30 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 50mM NaCl, pH 8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Haloacid Dehalogenase-Like Hydrolase Domain-Containing Protein 2; HDHD2

Immunogen Information:

Sequence: Met 1-Leu259

Background:

Haloacid Dehalogenase-Like Hydrolase Domain-Containing Protein 22 (HDHD2) is a member of the HAD-like hydrolase superfamily. HDHD2 includes L-2-Haloacid Dehalogenase, Epoxide Hydrolases and Phosphatases. There are two active sites in HDHD2 - an L-2-Haloacid Dehalogenase and a Carboxylate group. The L-2-Haloacid Dehalogenase active site catalyzes the hydrolytic dehalogenation of D- and L-2-Haloalkanoic Acids, producing L- and D-2-Hydroxyalkanoic Acids.