

PRODUCT INFORMATION

Target	BDH2
Synonyms	DHR56; EFA6R; PRO20933; SDR15C1; UCPA-OR; UNQ6308
Description	Recombinant protein of human 3-hydroxybutyrate dehydrogenase, type 2 (BDH2)
Delivery	2-3 weeks
Uniprot ID	Q9BUT1
Expression Host	HEK293T
Tag	C-Myc/DDK
Molecular Characterization	N/A
Molecular Weight	26.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage & Shipping	Store at -80°C.
Background	Dehydrogenase that mediates the formation of 2,5-dihydroxybenzoic acid (2,5-DHBA), a siderophore that shares structural similarities with bacterial enterobactin and associates with LCN2, thereby playing a key role in iron assimilation and homeostasis. Plays a role in susceptibility to bacterial infection by providing an assimilable source of iron that is exploited by pathogenic bacteria (By similarity). Also acts as a 3-hydroxybutyrate dehydrogenase (PubMed:16380372).[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

