9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ID2 Human

Inhibitor of DNA Binding 2 Human Recombinant
RCP1108

Product Overview

Name	ID2 Human
Description	
Inhibitor of DNA Binding 2 Human Recombinant	
Accession (Primary)	Q02363
Synonyms	
DNA-binding protein inhibitor ID-2, bHLHb26, GIG8, ID2A, ID2H, MGC26389, Class B basic helix-loop-helix protein 26, Inhibitor of DNA binding 2.	
Introduction	
Inhibitor of DNA Binding 2 (ID2) is a part of the inhibitor of DNA binding family, whose members are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the ID family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative way by suppressing their heterodimerization partners through the HLH domains. ID2 play a role in negatively regulating cell differentiation and may be an inhibitor of tissue-specific gene expression.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
ID2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MKAFSPVRSV RKNSLSDHSL GISRSKTPVD DPMSLLYNMN DCYSKLKELV PSIPQNKKVS KMEILQHVID YILDLQIALD SHPTIVSLHH QRPGQNQASR TPLTTLNTDI SILSLQASEF PSELMSNDSK ALCG.	

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Precautions

ID2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q02363)