

GMDS 抗原（重组蛋白）

中文名称：GMDS 抗原（重组蛋白）

英文名称：GMDS Antigen (Recombinant Protein)

别名：GMD; SDR3E1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 173-372 amino acids of human GMDS

技术规格：

Full name:	GDP-mannose 4,6-dehydratase
Synonyms:	GMD; SDR3E1
Swissprot:	O60547
Gene Accession:	BC000117
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	GDP-mannose 4,6-dehydratase (GMD; EC 4.2.1.47) catalyzes the conversion of GDP-mannose to GDP-4-keto-6-deoxymannose, the first step in the synthesis of GDP-fucose from GDP-mannose, using NADP ⁺ as a cofactor. The second and third steps of the pathway are catalyzed by a single enzyme, GDP-keto-6-deoxymannose 3,5-epimerase, 4-reductase, designated FX in humans (MIM 137020).