

## Recombinant Human GORASP2, His-tagged

**Cat. No.** GORASP2-13395H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Human GORASP2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.

**Species**                      Human

**Source**                        E.coli

**ProteinLength**              152-452a.a.

**Description**                In the de novo synthesis of purine nucleotides, IMP is the branch point metabolite at which point the pathway diverges to the synthesis of either guanine or adenine nucleotides. In the guanine nucleotide pathway, there are 2 enzymes involved in converting IMP to GMP, namely IMP dehydrogenase (IMPD1), which catalyzes the oxidation of IMP to XMP, and GMP synthetase, which catalyzes the amination of XMP to GMP.

**Storage**                        The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer**                1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

**Gene Name**                      GORASP2 golgi reassembly stacking protein 2, 55kDa [ Homo sapiens ]

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<b>Official Symbol</b>	GORASP2
<b>Synonyms</b>	GORASP2; golgi reassembly stacking protein 2, 55kDa; golgi reassembly stacking protein 2, 55 kDa; Golgi reassembly-stacking protein 2; GOLPH6; GRASP55; GRS2; golgi phosphoprotein 6; p59; FLJ13139; DKFZp434D156;
<b>Gene ID</b>	<a href="#">26003</a>
<b>mRNA Refseq</b>	<a href="#">NM_001201428</a>
<b>Protein Refseq</b>	<a href="#">NP_001188357</a>
<b>MIM</b>	<a href="#">608693</a>
<b>UniProt ID</b>	<a href="#">Q9H8Y8</a>
<b>Chromosome Location</b>	2p24.3-q21.3
<b>Function</b>	protein binding;

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