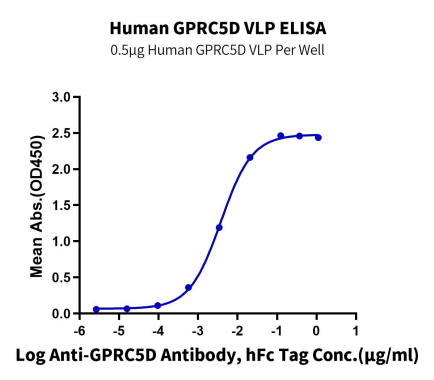
Bioactive CellTx™ HuPro®

GPRC5D (Human) Recombinant Protein

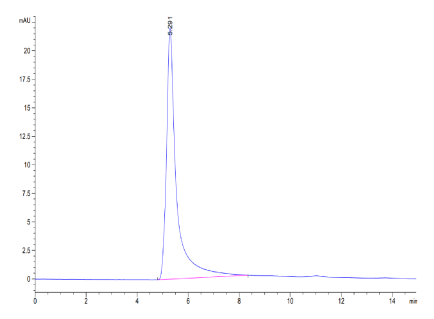
Catalog # P10032 Size 100 ug

Applications



SEC-HPLC

The purity of Human GPRC5D VLP is greater than 95% as determined by SEC-HPLC.



SEC-HPLC

The purity of Human GPRC5D VLP is greater than 95% as determined by SEC-HPLC.

Specification

Product Description	Human GPRC5D (Q9NZD1-1, Met1-Val345) partial recombinant protein expressed in HEK293 cells .
Sequence	Met1-Val345
Host	Human
Theoretical MW (kDa)	39.6
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system

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Purity	> 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Quality Control Testing	SEC-HPLC SEC-HPLC The purity of Human GPRC5D VLP is greater than 95% as determined by SEC-HPLC. SEC-HPLC The purity of Human GPRC5D VLP is greater than 95% as determined by SEC-HPLC.
Recommend Usage	Biological Activity ELISA SEC-HPLC The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from filtered solution in PBS, pH 7.4 (8% trehalose).
Storage Instruction	After reconstitution with deionized water to a final concentration more than 100 ug/ml, store at 4°C for 1 week. For long term storage, store at -80°C for 1 year. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

Gene Info — GPRC5D

Entrez GeneID	55507
Protein Accession#	Q9NZD1-1
Gene Name	GPRC5D
Gene Alias	MGC129713, MGC129714
Gene Description	G protein-coupled receptor, family C, group 5, member D
Omim ID	607437
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the G protein-coupled receptor family; however, the specific function of this gene has not yet been determined. [provided by RefSeq

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Other Designations	orphan G-protein coupled receptor

Disease

- Genetic Predisposition to Disease
- Hyperparathyroidism

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