

[Cloud Vision API Product Search](#)

# Method: projects.locations.products.referenceImages...

Lists reference images.

Possible errors:

- Returns NOT\_FOUND if the parent product does not exist.
- Returns INVALID\_ARGUMENT if the pageSize is greater than 100, or less than 1.

HTTP request

GET

```
https://vision.googleapis.com/v1p4beta1/{parent=projects/*/locations/*/products*/}/referenceImages
```

The URL uses [gRPC Transcoding](#)

(<https://github.com/googleapis/googleapis/blob/master/google/api/http.proto>) syntax.

Path parameters

## Parameters

parent

string

Resource name of the product containing the reference images.

Format is

projects/PROJECT\_ID/locations/LOC\_ID/products/PRODUCT\_ID.

Query parameters

## Parameters

## Parameters

<b>pageSize</b>	<b>number</b> The maximum number of items to return. Default 10, maximum 100.
<b>pageToken</b>	<b>string</b> A token identifying a page of results to be returned. This is the value of <b>nextPageToken</b> returned in a previous reference image list request. Defaults to the first page if not specified.

## Request body

The request body must be empty.

## Response body

If successful, the response body contains data with the following structure:

Response message for the `referenceImages.list` method.

## JSON representation

```
{
  "referenceImages": [
    {
      object (ReferenceImage (https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta1/projects.locations.products.referenceImages.list))
    }
  ],
  "pageSize": number,
  "nextPageToken": string
}
```

## Fields

Fields	
<b>referenceImages[ ]</b>	<b>object</b> ( <b>ReferenceImage</b> ( <a href="https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta1/projects.locations.products.referenceImages#ReferenceImage">https://cloud.google.com/vision/product-search/docs/reference/rest/v1p4beta1/projects.locations.products.referenceImages#ReferenceImage</a> ) ) The list of reference images.
<b>pageSize</b>	<b>number</b> The maximum number of items to return. Default 10, maximum 100.
<b>nextPageToken</b>	<b>string</b> The nextPageToken returned from a previous List request, if any.

## Authorization Scopes

Requires one of the following OAuth scopes:

- <https://www.googleapis.com/auth/cloud-platform>
- <https://www.googleapis.com/auth/cloud-vision>

For more information, see the [Authentication Overview](#)

(<https://cloud.google.com/docs/authentication/>).

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